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BLYTHEVILLE AFB ARKANSAS REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. JUN 83

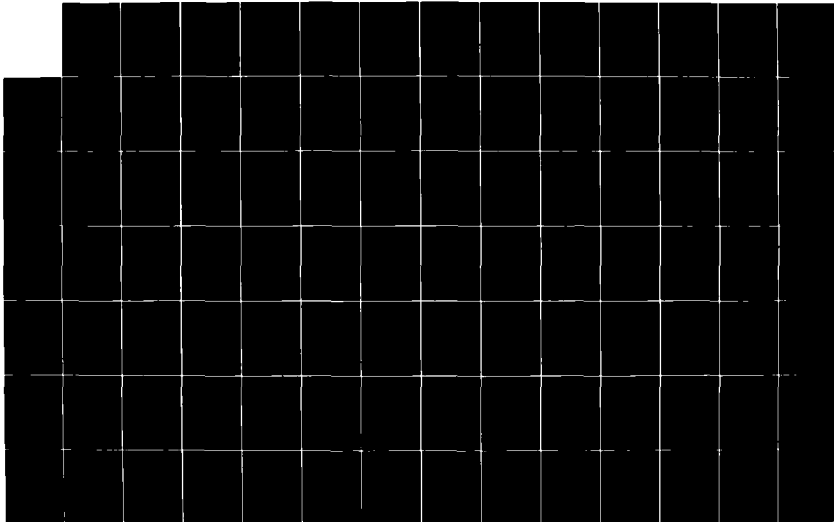
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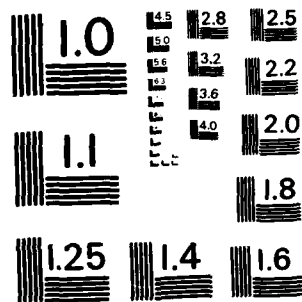
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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

JUN 30 1983

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM																
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18. SUPPLEMENTARY NOTES SUPERSEDES REPT. NO. USAFETAC/DS-79/054																		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>				*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure																
Snowfall	Extreme snow depth	Extreme surface winds																
Climatology	Sea-level pressure	Psychrometric summary																
Surface Winds	Extreme temperature	Ceiling versus visibility																
Relative Humidity	*Climatological data	(over)																
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) <p>This report is a six-part statistical summary of surface weather observations for BLYTHEVILLE AFB, ARKANSAS</p> <p>It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (Daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric (over)</p>																		

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

USAFETAC DS-83/835

OF 5. 423

1211 11 70

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

FEBRUARY _____

MARCH _____

APRIL _____

MAY _____

JUNE _____

JULY _____

AUGUST _____

SEPTEMBER _____

OCTOBER _____

NOVEMBER _____

DECEMBER _____

STATION NO ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		FIELD ELEV. FT.		CALL SIGN		WMO NUMBER	
723408		BLYTHEVILLE AFB ARKANSAS		N 35 58		W 089 57		254		BYH			
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY				
			FROM	TO			FIELD (FT)	HT BARD.					
1	Blytheville AFB Arkansas	AFB	Nov 55	Mar 56	N 35 58	W 089 57	264 ft	N/A	24				
2	Same	Same	Apr 56	Jul 56	Same	Same	Same	253 ft	24				
3	Same	Same	Aug 56	Jan 60	Same	W 089 57	Same	Same	24				
4	Same	Same	Feb 60	Dec 73	Same	Same	254 ft	254	24				
5	Same	Same	Jan 74	Feb 78	Same	Same	Same	Same	24				
6	Same	Same	Mar 78	Mar 83	Same	Same	Same	Same	24				

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS: ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Nov 55	Located on top of Base Operations Bldg.	AN/GMQ 1	ML-204B	30 ft	
2	Apr 58	Located 3300 ft NNE of Wea Station	AN/GMQ 11	RO-2	15 ft	
3	Feb 60	Located about 80 ft E of Rnwy, NE of Weather Station.	Same	Same	12 ft	
4	Apr 60	Located across active Rnwy 1/4 Mile E of Base Operations Bldg.	Same	Same	15 ft	
5	Apr 63	Located E of Base Oper at the center and S end of active Rnwy	GMQ-11	RO-2	15 ft	
6	Apr 64	Located E of Base Operations at the N and S end of active Rnwy.	Same	Same	Same	
7	Jan 70	Dual Instrumented 1. Located 500 ft W of centerline	AN/GMQ 11	RO-2	Same	

USAFETAC

FORM NOV 73

0-19 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
8	Feb 78	225 ft from end of Rnwy 35.	Same		Same	
		2. Located 500 ft W of centerline 1000 ft from end of Rnwy 17.	Same	Same	Same	
9.	Mar 83	1. Same	Same		Same	
		2. Same	Same		Same	
		Dual Instrumented				
		1. Located 500 ft west of centerline, 225 ft from end of runway 36.	AN/GMQ-11	RO-2	Same	
		2. Located 500 ft west of center- line, 1000 ft from end of runway 18.				

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".01" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

72340P
STATION

ELLYTHEVILLE AFB AT
STATION NAME

73-82

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02	1.5	11.4	2.2	5.8		12.3	17.1	3.7	1.1		20.0	930
	03-05	.9	10.3	2.4	4.4		16.2	18.7	3.9	1.0		21.0	930
	06-08	.1	6.4	1.8	5.1		14.2	26.9	8.0	1.4	.1	31.3	930
	09-11	.3	7.4	1.0	6.7		14.2	26.2	13.9	1.3		36.1	930
	12-14	.2	9.1	1.1	5.2		14.6	16.6	12.9	.5		24.1	930
	15-17	.5	8.8	1.3	4.6		14.0	16.2	9.7	.6		24.2	930
	18-20	.9	9.4	2.5	2.3		14.0	16.0	6.9	.3		20.5	930
	21-23	1.0	8.2	3.0	4.1		14.5	17.1	4.3	.6		20.2	930
TOTALS		.7	9.1	1.9	4.8		15.0	19.4	7.9	.9	.0	25.2	7440

JOINT CLIMATOLOGY BRANCH
 AFMTC
 WEATHER SERVICE/MAC

WEATHER CONDITIONS

7234 AFMTC WYTHEVILLE AFB AR 73-82 FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	10-31	.9	6.2	.6	3.1		11.7	18.4	6.1	.2	.5	27.0	946
	00-09	.9	6.9	.7	3.1		10.6	20.1	4.7	.5	.2	22.0	946
	10-19	.2	6.0	.2	4.3		10.5	27.5	14.1	.1		35.7	945
	20-29	.1	5.7		4.7		10.0	21.5	24.6	.6		41.3	946
	12-14	1.2	6.7	.2	3.0	.1	9.7	16.0	23.9	.4	.2	37.5	946
	15-17	1.1	6.6	.5	4.0		10.8	14.4	21.3	.5	.7	34.3	946
	18-2	.8	5.1	.1	3.4		9.5	15.0	15.0		.5	27.4	946
	21-23	1.7	9.3	.6	3.3		12.8	16.0	8.3	.4	.5	21.7	946
TOTALS		.9	6.9	.4	3.6	.1	10.7	18.6	14.8	.4	.4	30.4	6767

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

723418
STATION

SLYTHEVILLE AFB AB
STATION NAME

73-82

YEARS

MAP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAP	0-22	2.0	11.3		.4		11.6	11.2	2.2	.1		12.2	930
	3-25	2.2	9.4	.1	.9		10.0	11.9	2.0	.1		12.3	930
	26-28	1.6	11.2	.1	.4		11.6	24.0	13.9	.1	.1	33.2	929
	29-31	1.2	10.3	.4	.6		11.4	14.5	16.7	.3	.6	28.6	930
	12-14	1.3	10.0	.1	.6		10.8	9.5	12.7	.3	.4	21.4	930
	15-17	1.9	11.6		.4		11.9	9.5	12.6	.3	.2	20.0	930
	18-20	1.9	11.8	.4	.3		12.5	9.1	9.1	.3		17.1	930
	21-23	2.5	10.1	.1	.0		10.0	9.0	4.6	.3		12.2	930
TOTALS		1.8	11.7	.2	.5		11.3	12.3	9.0	.2	.2	18.9	7439

CENTRAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE

WEATHER CONDITIONS

02746 WLYTHEVILL AFB AR 73-82 APR MONTH
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS 1ST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	0-22	3.3	11.7				11.7	5.6	2.9				900
	23-25	2.8	10.2				10.2	5.4	3.6			11.3	900
	26-28	1.0	8.8				8.8	18.0	12.3			2.1	899
	29-31	1.6	7.2				9.2	8.0	5.6		.4	15.3	900
	1-14	2.2	9.1				9.1	4.7	6.4		.9	11.2	900
	15-17	1.9	7.8				7.8	3.3	5.5		1.2	9.7	900
	18-20	3.2	9.9				9.9	4.3	5.8		.3	10.1	900
	21-23	3.9	9.0				9.0	3.9	4.3			7.7	900
TOTALS		2.5	7.5				9.5	7.0	6.2		.4	12.4	7199

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

123456
STATION

SLYTHEVILL AFB AT
STATION NAME

73-52

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIR	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	0-23	5.0	8.8				8.8	10.8	5.7			17.5	929
	03-04	3.7	10.1				10.1	24.3	11.4			35.4	930
	05-06	2.8	11.5				11.5	20.9	20.2		.1	41.6	930
	07-11	2.0	5.6				5.6	9.1	24.5		.4	32.2	930
	12-14	3.4	5.5				5.5	3.4	17.5		.4	20.9	930
	15-17	4.4	3.2				3.2	5.1	13.0		.1	17.5	930
	18-2	4.6	7.6			.1	7.6	6.2	11.7			16.8	930
	21-23	5.2	7.3				7.3	6.2	6.9			13.9	930
TOTALS		3.9	8.8			.1	8.8	11.8	15.2		.1	24.2	7439

FEDERAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1234.5 BL YTHEVILLE AFB AP 75-52 JUN
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS -LST-	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02	2.9	5.7				1.0	9.6	10.4			1.2	900
	03-05	2.3	5.1				1.1	19.1	16.9			2.1	998
	06-08	.3	2.7				2.7	19.4	12.2			41.4	900
	09-11	1.4	5.2				3.2	4.2	21.1			23.7	900
	12-14	2.9	4.6				4.6	1.6	15.0		.4	16.5	900
	15-17	3.0	5.4				5.4	2.2	14.6		.2	16.7	900
	18-20	3.2	5.2				5.2	3.3	15.2			17.7	900
	21-23	2.1	3.8				3.6	5.1	12.6			15.4	900
TOTALS		2.3	4.4				4.4	7.9	17.3		.1	22.1	7198

WEATHER CONDITIONS

JUL
MONTH

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	30-32	1.8	2.0				2.6	10.6	14.7			21.5	930
	3-25	1.1	2.6				2.6	24.2	26.6			46.6	937
	26-30	1.1	3.1				3.1	31.1	47.4			53.4	930
	9-11	1.0	3.5				3.5	6.2	36.6			36.6	937
	12-14	3.1	2.9				2.3	1.0	22.3			22.3	930
	15-17	5.9	4.1				4.1	.4	19.6			20.2	930
	18-20	5.1	4.6				4.6	1.4	18.4		.1	16.5	930
	21-23	3.3	4.2				4.2	4.3	17.6		.1	14.6	930
TOTALS		2.8	3.4				3.4	9.9	25.2		.0	30.5	7440

WEATHER CONDITIONS

▲
MONTH

[illegible]

WEATHER CONDITIONS

SEP
MONTH

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-04	1.4	5.9				5.9	21.9	18.2			30.7	900
	05-09	1.6	6.0				6.0	32.8	21.2			41.4	900
	10-14	1.6	6.9				6.9	54.4	39.0			67.1	900
	15-19	1.4	5.4				6.4	13.2	40.3			47.6	900
	20-24	.6	5.9				5.9	5.1	27.2			3.6	900
	25-31	1.1	5.3				5.3	4.2	22.4			25.4	900
	1-5	1.7	4.1				4.1	6.4	21.9			25.0	900
	6-10	.9	3.7				3.7	11.0	20.0			24.7	900
	11-15												
	16-20												
	21-25												
	26-31												
TOTALS		1.3	5.2				5.8	18.6	26.3			36.6	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7234 JB
STATION

GLYTHEVILLE AFB AP
STATION NAME

73-82

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LOC	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	00-02		5.6				5.6	9.8	6.1			14.0	930
	03-05	.3	5.8				5.8	15.3	8.0			18.6	930
	06-08	.3	4.8				4.8	32.6	28.2			43.7	930
	09-11	.6	4.9				4.9	11.5	21.4			28.6	930
	12-14	.3	4.2				4.2	4.4	12.2		.1	15.2	930
	15-17	.5	4.3				4.3	3.8	8.4			11.2	930
	18-20	1.1	5.6				5.6	6.6	6.0			11.8	930
	21-23	.1	5.2				5.2	8.8	5.8			12.9	930
TOTALS		.4	5.1				5.1	11.6	12.0		.0	19.5	7440

CLIMATCLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723408
STATION

SLYTHEVILLE AFB AR
STATION NAME

73-82

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS OBS	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02	.9	10.6	.1	.7		11.1	15.3	3.2			27.2	900
	03-05	1.8	12.2		.4		12.7	17.7	3.5			16.8	900
	06-08	1.0	12.0		.8	.1	12.8	30.0	10.0			34.1	900
	09-11	.3	11.2		.8		12.0	21.8	16.3			34.3	900
	12-14	.4	10.4		1.1		11.6	14.9	10.9			23.1	900
	15-17	.1	9.0		1.0		9.9	14.9	12.0			23.3	900
	18-20	.4	9.8		.3		10.1	15.4	7.8			20.4	900
	21-23	1.0	12.2	.1	.3		13.0	17.0	5.3			27.2	900
TOTAL		.7	10.9	.0	.7	.0	11.7	18.8	8.7			24.4	7200

WEATHER CONDITIONS

DLC
MONTH

MONTH	HOURS EST.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST. TO VISION	TOTAL NO. OF OBS
DEC	00-02	.4	9.4	.8	1.3		11.2	13.7	.9	.2		14.4	930
	03-05	1.1	11.2	.3	1.0		12.8	14.9	1.1	.3		15.9	930
	06-08	.4	10.5	.4	.9		11.8	23.9	5.6	.1		26.5	930
	09-11	.1	9.7	.3	1.1		10.8	20.8	11.4	.2		24.7	930
	12-14		9.1	.2	1.0		9.0	14.4	10.2			23.5	930
	15-17	.3	11.5		.2		11.7	15.6	9.4			23.1	929
	18-20		11.8	.2	.2		12.1	14.0	2.6			15.6	927
	21-23	.5	9.5	.8	.9		10.9	14.5	.5			14.6	927
TOTALS		.4	10.2	.4	.8		11.3	16.5	5.2	.1		20.3	7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

WEATHER CONDITIONS

723409
STATION

ELYTHEVILLE AFB AP
STATION NAME

73-82

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LIST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	ALL	.7	9.1	1.9	4.8		15.0	19.4	7.9	.9	.0	25.2	7440
FEB		.9	6.9	.4	3.6	.0	10.7	18.6	14.8	.4	.4	30.4	6767
MAR		1.8	10.7	.2	.5		11.3	12.3	9.2	.0	.2	19.9	7439
APR		2.5	9.5				9.5	7.0	6.2		.4	12.4	7199
MAY		3.9	6.8			.0	8.8	11.8	15.2		.1	24.2	7439
JUN		2.3	4.4				4.4	7.9	17.3		.1	22.1	7198
JUL		2.8	3.4				3.4	9.9	25.2		.0	30.5	7440
AUG		2.3	4.4				4.4	15.3	27.6		.0	36.2	7440
SEP		1.3	5.8				5.8	18.6	26.3			36.6	7200
OCT		.4	5.1				5.1	11.6	12.0		.0	19.5	7440
NOV		.7	10.9	.0	.7	.0	11.7	18.8	8.7			24.4	7200
DEC		.4	10.2	.4	.8		11.3	16.5	5.2	.1		20.3	7433
TOTALS		1.7	7.4	.2	.9	.0	8.5	14.0	14.6	.1	.1	25.1	97635

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $\frac{5}{8}$ mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE /MAC

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

7234-8
STATION

OLYTHEVILLE AFB AB
STATION NAME

44-45, 55-58, 60-82
YEARS

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS OBS	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	DAILY	5.8	37.6	9.1	17.9		44.8	43.2	35.4	2.2		55.3	805
FEB		7.0	37.4	2.5	12.9	.4	41.4	43.7	38.2	1.6		55.1	760
MAR		13.5	43.6	1.1	5.3	.7	42.7	38.5	33.3	.5		47.0	834
APR		21.8	46.5		.5	1.9	43.2	31.8	25.8			41.9	807
MAY		25.7	44.2			1.4	42.5	35.4	33.7		.1	46.0	805
JUN		27.9	38.4			.8	36.9	35.5	42.3		.4	52.1	780
JUL		28.3	37.7			.7	36.2	44.5	51.9		.1	62.0	806
AUG		21.6	31.9				30.6	55.6	61.3			70.2	806
SEP		12.9	32.7			.1	31.4	57.1	59.0			69.5	776
OCT		5.9	26.8			.1	27.7	44.3	47.8			57.7	801
NOV		7.9	37.6	.1	2.6	.1	37.2	42.2	37.8		.1	52.1	810
DEC		4.7	40.0	2.6	7.7	.1	41.9	42.1	31.8	.4		53.2	836
TOTALS		15.2	38.0	1.3	3.9	.5	38.0	42.8	41.5	.4	.1	55.3	9626

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of .0 in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported out no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	"0.00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	"0.0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include nonreports from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

FEDERAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

103404 CUYTHEVILLE AFB AR
STATION STATION NAME

42-41, 55-56, 60-62
YEARS

PRECIP SNOWFALL SNOW DEPTH	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS INCHES		
	NONE	TRACE	0	02.05	06.10	11.25	26.50	51.00	102.50	255.00	507.00	1012.00	OVER 20.00			MEAN	GREATEST	LEAST
	NONE	TRACE	0.04	0.51.4	1.52.4	2.53.4	3.54.4	4.56.4	6.510.4	12.515.4	15.525.4	25.550.4	OVER 50.4					
	NONE	TRACE	1	2	3	4.6	7.2	13.24	25.36	37.48	49.60	61.72	OVER 120					
JAN	3.4	14.9	2.4	7.6	3.9	5.6	4.4	5.1	2.6	.6				31.7	867	3.67	9.88	.76
FEB	3.6	11.9	2.3	6.0	4.1	6.6	5.6	5.1	3.5	.4				33.5	769	3.66	9.60	.65
MAR	2.4	12.7	1.5	5.1	4.3	7.6	6.3	5.9	3.7	.8				34.9	868	5.17	12.63	.45
APR	1.5	12.3	2.3	5.1	3.9	6.1	6.9	7.1	4.4	.4	.1			35.2	837	5.27	9.51	.47
MAY	.1	11.7	1.3	5.7	3.6	5.4	7.4	4.5	5.7	.5				34.2	837	5.38	17.52	.94
JUN	.6	11.1	1.9	3.6	2.3	4.6	5.4	5.6	3.1	.4				28.3	810	3.67	9.41	1.09
JUL	2.7	11.2	1.2	4.1	3.3	6.1	4.7	3.3	3.2	.2				25.0	837	3.37	6.32	.49
AUG	67.7	10.0	1.1	3.5	2.8	4.1	4.2	4.1	2.5	.6				22.7	836	3.47	9.72	.61
SEP	6.7	9.2	1.5	3.3	1.2	4.2	3.4	4.1	3.4	.5				22.5	827	3.94	7.62	7.45
OCT	12.3	8.2	1.4	3.7	2.2	3.4	4.2	2.9	1.3	.4				19.5	855	2.47	7.19	TRACE
NOV	2.2	9.9	1.5	4.0	3.4	5.2	5.1	4.3	3.6	.7				27.9	856	4.38	13.48	.00
DEC	54.2	12.6	2.3	5.5	7.1	7.0	6.6	3.8	3.6	.8				32.4	809	4.62	11.85	.01
ANNUAL	39.4	11.4	1.7	4.8	3.3	5.5	5.4	4.7	3.3	.5	.0			29.1	10120	4.52		

CENTRAL CLIMATOLOGY BRANCH

ETAC

A WEATHER SERVICE MAC

EXTREME VALUES

PRECIPITATION

1234.5 BLUTH WILLE AFB A-
STATION NAME

42-45, 55-58, 60-61
YEARS

19 MONTHS

24 HOUR AMOUNTS IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MONTHS
1														
2														
3		1.00	.49	1.75	.84	1.72	.75	1.34	.77	.97	.25	.68	.97	1.77
4		.94	2.64	1.22	1.26	1.07	.96	1.61	.64	1.71	.84	1.45	2.69	2.69
5		.97	1.05	1.72*	2.7									
6												.73	1.46	
57		3.50	3.28	1.22	1.24	.86	1.18	.32	.56	.11	.69	1.76	.7	3.50
58		1.93	1.40	.47	3.2	2.91	1.66	3.10	2.43	2.46	2.45	4.33	2.60	4.33
59		2.93	1.75	2.44	1.25	2.11								
60							1.53	.35	1.45	1.96	.53	2.86	2.71	
61		.54	1.12	1.70	1.36	1.70	1.54	.72	1.19	.51	.27	4.39	2.47	4.39
62		1.72	2.92	2.23	1.40	.41	1.16	.44	1.08	2.52	.79	.33	.50	2.92
63		.24	.57	2.55	1.33	2.20	1.67	.45	.66	.50	.31	.89	.75	2.55
64		.61	.84	3.28	2.46	1.39	.45	2.21	2.21	2.43	.11	2.35	1.41	3.28
65		2.57	2.43	1.14	.98	1.57	.93	2.00	.70	2.55	.39	3.85	.75	3.85
66		4.16	1.59	.11	1.45	1.79	1.43	.57	2.03	1.15	.34	.92	2.61	4.16
67		1.00	.63	1.80	1.11	2.05	1.06	2.17	.59	2.1	2.59	1.29	1.20	3.10
68		.47	2.35	1.98	1.53	2.32	1.96	1.25	1.19	1.72	1.37	1.77	1.79	2.35
69		2.86	.79	1.95	2.16	.73	.99	1.40	2.26	1.00	.95	2.10	1.57	2.86
70		.70	1.42	1.54	2.91	.41	3.58	2.46	1.66	4.07	1.47	.81	1.74	4.07
71		.40	1.77	.90*	.39	1.51	.70	1.50	.96*	.40*	.16	.51	.31	.31
72		.52	1.22	1.29	1.29	.71	1.95	1.31	.64	2.71	1.72	.97	2.60	2.60
73		1.24	1.29	1.50	2.41	2.63	.46	1.16	.48	1.78	.62	2.54	1.56	2.63
74		2.32	.94	.70	5.16	1.95	1.70	.71	2.63	.70	.55	1.10	.26	5.16
75		1.1	1.16	4.61	1.48	1.68	.70	1.21	1.40	1.23	1.36	1.30	1.93	4.61
76		1.14	2.43	2.46	.26	1.70	2.53	1.41	.45	.34	3.42	.96	.34	3.42
77		.52	.63	2.16	.75	1.87	2.21	2.51	1.01	2.17	.52	1.29	.89	2.21
78		1.64	.52	1.60	2.16	2.05	1.07	2.24	2.11	1.04	.36	1.65	4.07	4.07
79		1.02	1.30	1.07	2.46	3.21	.75	1.30	.72	2.39	.77	1.53	1.52	3.21
80		.25	1.01	.72	.97	1.29	1.13	.25	1.46	1.27	4.11	1.81	1.00	4.11
81		.59	.96	.96	1.41	1.33	3.14	1.35	1.86	.06	2.27	1.26	1.17	3.14
MEAN														
S.D.														
TOTAL OBS														

NOT * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

2
GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR LEATHER SERVICE/MAC

EXTREME VALUES PRECIPITATION

FROM DAILY OBSERVATIONS

7234 LR STATION
GLYTHEVILLE AFB AP STATION NAME

42-45, 55-58, 60-82 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1	1.41	1.08	.57	2.31	2.76	1.18	1.99	1.30	.90	.42	1.48	3.77	3.77
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
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26													
27													
28													
29													
30													
31													
MEAN	1.421	1.400	1.738	1.607	1.700	1.433	1.384	1.488	1.592	1.137	1.679	1.773	3.461
S D	1.003	.777	.958	1.059	.724	.753	.765	.984	1.065	1.742	1.072	.907	.813
TOTAL OBS	67	789	868	837	837	813	837	876	527	355	858	809	10120

NOTE * (BASED ON LESS THAN FULL MONTHS)

2

FROM CALIFORNIA, A. J. M.

42-45, 55-58, 60-62

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

2

FROM DAILY OBSERVATIONS

42-45, 55-58, 60-62
YEARS



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1

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1

1

44

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SER. ICL/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNC-FALL
(FROM DAILY OBSERVATIONS)

723409 SLYTHEVILLE AFB AR
STATION STATION NAME

55-5P, 6C-P2

YEARS

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	1.2	1.3	2.7	3.2	1.0	.0	.3	.4						3.4	773	3.4	10.5TRACE	
FEB	6.3	8.0	2.1	1.7	.6	.7	.1	.4						5.7	770	2.3	12.0.0	
MAR	5.1	3.1	.5	.4	.3		.3	.3	.1					1.0	771	1.5	13.9.0	
APR	9.6	.3	.1											.1	750TRACE	.3	.0	
MAY	100.0														775	.0	.0.0	
JUN	100.0														750	.0	.0.0	
JUL	100.0														775	.0	.0.0	
AUG	100.0														775	.0	.0.0	
SEP	100.0														746	.0	.0.0	
OCT	100.0														770	.0	.0.0	
NOV	7.8	1.5	.3		.1	.3								.6	780	.3	5.5.0	
DEC	1.8	.6	.5	.9	.2	.4	.1		.1					2.2	805	1.2	8.1.0	
ANNUAL	6.0	2.4	.5	.5	.2	.2	.1	.1	.0					1.6	9170	6.7		

GENERAL CLIMATOLOGY BRANCH
 ETAC
 AIR WEATHER SERVICE/ETAC

EXTREME VALUES SNO FALL

FROM DAILY OBSERVATION

723408 ELYTHEVILLE AFB AR
 STATION STATION NAME

55-79, 60-87

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	A MONTHS
YEAR													
56	6.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	6.0
57	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.2	TRACE	.0
	1.0	3.5	.1	.0	.0								
	1.0	.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	4.1	1.0
	1.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
	2.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.6
	1.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.0
65	1.5	5.1	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1
66	3.0	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.0
67	1.0	1.2	2.0	.0	.0	.0	.0	.0	.0	.0	.0*	.1	2.0
68	TRACE	TRACE*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE
69	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.4	2.1	3.1
70	2.0	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0
71	1.0*	2.0	1.0	.3	.0	.0	.0	.0*	.0*	.0	2.6	.9	9.0
72	.0	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.0
73	2.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	3.1	3.1
74	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.0
75	.0	1.0	2.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.7	2.0
76	1.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	3.3	TRACE	3.0
77	5.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.5
78	4.1	3.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.1
79	.0	4.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9
80	1.0	2.8	3.8	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	3.0
81	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
82	5.0	4.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
MEAN	1.33	1.39	.93	.1	.00	.00	.00	.0	.00	.00	.25	1.02*	3.00
S D	1.714	1.799	2.158	.063	.00	.00	.000	.000	.000	.000	.306	1.628	2.011
TOTAL OBS	773	773	771	750	775	750	775	775	746	773	780	605	917

NOTE * (BASED ON LESS THAN FULL MONTHS)

GENERAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/AFAC

EXTREME VALUES

MONTHLY SNOWFALL

7234.5 ELYTHEVILLE AFB AR
 STATION NAME

55-56, 60-62

PERIOD OF OBSERVATION

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
5											.0	TRACE	
51	10.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	17.1
52	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	TRACE
5	0.1	5.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61	1.0	.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
62	1.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
63	3.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.0
64	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.4
65	3.1	6.6	10.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.5
66	9.6	3.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.7
67	1.1	1.2	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7
68	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
69	TRACE	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
70	4.2	.4	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7
71	1.0*	2.7	13.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	21.4
72	.0	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	2.1
73	2.7	.3	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	5.0
74	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	2.0
75	.0	1.0	3.7	.0	.0	.0	.0	.0	.0	.0	TRACE	1.7	6.7
76	1.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	0.5	TRACE	7.7
77	10.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	10.5
78	10.2	9.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.2	21.1
79	9.0	12.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.0
80	2.7	4.4	3.8	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	10.9
81	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
82	5.0	6.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.6
MEAN	7.44	2.30	1.45	.71	.00	.00	.00	.00	.00	.00	.33	1.10	8.24
SD	3.677	3.455	3.571	.760	.000	.000	.000	.000	.000	.000	1.171	2.019	6.869
TOTAL OBS	771	730	771	750	775	750	775	775	745	770	780	805	2170

NOT * BASED ON LESS THAN FULL MONTHS

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

723409
STATION

BLYTHEVILLE AFB AR
STATION NAME

42-45, 55-58, 60-82
YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	6.1	5.9	7.5	5.3	3.2	1.6	.1							18.0	774			
FEB	4.1	6.8	3.3	1.1	.8	1.7	.1							7.1	716			
MAR	7.9	.3	.5	.5	.3	.5								1.0	775			
APR	100.0														750			
MAY	100.0														775			
JUN	100.0														750			
JUL	100.0														775			
AUG	100.0														775			
SEP	100.0														746			
OCT	100.0														770			
NOV	9.1	.4	.3											.3	775			
DEC	5.1	1.4	2.2	.5	.1	.1	.4							3.3	806			
ANNUAL	6.1	1.4	1.1	.6	.4	.3	.31							2.5	9177			

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

EXTREME VALUES SNOW DEPTH

FROM DAILY OBSERVATIONS

123408 BLYTHEVILLE AFB AR
STATION

42-45, 55-59, 67-82
YEARS

DAILY SNOW DEPTH IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
42			0*	0	0	0	0	0	0	0	0	0	0
43		1	TRACE	TRACE	0	0	0	0	0	0	0	0	TRACE
44		1	TRACE	TRACE	0	0	0	0	0	0	0	0	1
45		TRACE	TRACE	0*	0	0	0	0	0	0	0	0	TRACE
46		4	0	0	0	0	0	0	0	0	0	0	0
47		0	TRACE	0	0	0	0	0	0	0	0	0	TRACE
48		TRACE	3	0	0	0	0	0	0	0	0	0	0
49		4	TRACE	0	0	0	0	0	0	0	0	0	0
50		1	0	TRACE	0	0	0	0	0	0	0	0	0
51		2	TRACE	0	0	0	0	0	0	0	0	0	0
52		1	0	0	0	0	0	0	0	0	0	0	0
53		1	0	0	0	0	0	0	0	0	0	0	0
54		1	0	0	0	0	0	0	0	0	0	0	0
55		1	0	0	0	0	0	0	0	0	0	0	0
56		1	0	0	0	0	0	0	0	0	0	0	0
57		1	0	0	0	0	0	0	0	0	0	0	0
58		1	0	0	0	0	0	0	0	0	0	0	0
59		1	0	0	0	0	0	0	0	0	0	0	0
60		1	0	0	0	0	0	0	0	0	0	0	0
61		1	0	0	0	0	0	0	0	0	0	0	0
62		1	0	0	0	0	0	0	0	0	0	0	0
63		1	0	0	0	0	0	0	0	0	0	0	0
64		1	0	0	0	0	0	0	0	0	0	0	0
65		1	0	0	0	0	0	0	0	0	0	0	0
66		1	0	0	0	0	0	0	0	0	0	0	0
67		1	0	0	0	0	0	0	0	0	0	0	0
68		1	0	0	0	0	0	0	0	0	0	0	0
69		1	0	0	0	0	0	0	0	0	0	0	0
70		1	0	0	0	0	0	0	0	0	0	0	0
71		1	0	0	0	0	0	0	0	0	0	0	0
72		TRACE	TRACE	0	0	0	0	0	0	0	0	0	TRACE
73		0	0	0	0	0	0	0	0	0	0	0	0
74		1	TRACE	0	0	0	0	0	0	0	0	0	0
75		TRACE	1	0	0	0	0	0	0	0	0	0	0
76		1	0	0	0	0	0	0	0	0	0	0	0
77		1	0	0	0	0	0	0	0	0	0	0	0
78		1	0	0	0	0	0	0	0	0	0	0	0
79		1	0	0	0	0	0	0	0	0	0	0	0
80		1	0	0	0	0	0	0	0	0	0	0	0
81		1	TRACE	0	0	0	0	0	0	0	0	0	TRACE
MEAN													
S D													
TOTAL OBS													

2

SN : DEPTH

FROM DAILY OBSERVATIONS

42-45, 55-59, 60-82
YEARS

1

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NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
AF TAC
AF WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WIND

FROM DATA OBSERVATION

103400 SLYTHEVILLE AFB A
STATION NAME

57-58, 61-67

YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	A MONTHS	
57					41N	44N	34NW	33S	26WSW	26W	33NW	7S		
58	SW	32W	42NW	25N	30S	21N	SE	37WS	28W	39SSW	17SSW	31W	*35NW	23
59														
60		34SSW	26WSW	34W	34SW	*34WSW	26WSW	36NE	26SSW	37NW	*26S	*37N	71	190 37
61		31SW	33W	32N	50WN	36W	*39W	27NNW	*16N	*21W	*22SSW	*20SSW	*27N	10
62		36N	*57NNW	*45S	*32N	*29N	38S	33NNW	*35N	*30WS	32SSW	40NNW	*73	4 37
63		37W	34WSW	40SE	43W	39S	39NE	36NE	34W	30N	31S	33N	72	27 43
64	SW	44N	45S	40NNW	47W	44N	32WSW	45NNW	70S	30W	33NW	52WSW	40	41W 52
65		36SS	40SSW	38W	42NW	39N	*46SE	41S	36NNW	26W	34NNW	35S	74	1 46
66	SW	26SW	39N	36WSW	40N	53N	49NW	34WSW	36NW	26S	40W	36SW	44	5 59
67		32NE	33SS	37S	40S	52W	4476/	3817/	2714/	4621/	3821/	4431/	47	5 50
68	20/	4030/	301 /	3513/	3523/	3313/	4832/	4019/	3017/	22 2/	2631/	3536/	78	1 48
69	16/	401 /	3524/	4027/	4130/	3333/	47 2/	36 6/	36 1/	3721/	3619/	392 /	71	33/ 47
70	18/	3624/	4410/	3726/	3719/	46 13/	4123*	4014/	39 1*	1920*	3420/	3122/	66	22/ 66
71	20/	4420/	3427/	7624/	7131/	4730*	4425*	3632/	4236/	47 9/	3332/	3212/	40	27/ 76
72	26/	3436/	3812*	4629/	4626/	4827/	4635/	3232/	3935/	2532/	3222/	4025/	46	26/ 48
73	21/	3623/	4219/	4819/	4001/	3519/	4027*	5017/	4019/	2936/	2720/	3918/	73	27* 51
74	22/	4436/	3019/	3618/	4119/	3025/	48 2/	3216/	3336/	37 2/	2624/	4818/	74	25/ 49
75	24/	4221/	3627/	42 3/	3018/	2920/	3030/	34 9/	3734/	2 33/	301 1/	3234/	74	24/ 42
76	26/	3325/	5624/	4922/	3033/	5124/	4819/	2432/	2713/	3320/	2-24/	3129/	41	20/ 56
77	29/	4232/	3221/	3019/	39 5/	4121/	36 1/	43 2/	3418/	2733/	301 1/	2616/	73	1/ 43
78	27/	32 1/	4715/	4223/	4031/	4223/	3513/	3034/	3630/	7622/	3516/	3718/	52	1/ 47
79	18/	3636/	4037/	40 3/	4218/	3621/	32 1/	3432/	3733/	4223/	342 1/	3218/	71	7/ 42
80	18/	3031/	3218/	3319/	3816/	3833/	4436/	4332/	4134/	2636/	2619/	3618*	43	33/ 44
81	36/	3634/	2617/	3220/	4018/	4632/	53 7/	3231/	2513/	2719/	2925/	3614/	41	30/ 57
MEAN	37.5	36.0	39.1	41.5	40.5	40.8	35.0	34.6	30.9	31.7	36.5	37.1	40.8	
S D	6.026	6.481	6.126	6.416	7.456	7.163	5.491	4.934	5.095	4.372	6.330	6.208	6.408	
TOTAL OBS	713	642	598	680	725	704	725	333	696	726	703	707	6471	

NOTES * BASED ON LESS THAN FULL MONTHS

USAF ETAC FORM 0-88-5 (OLA)

* (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

U.S. AIR FORCE
 AIR FORCE CLIMATOLOGY BRANCH
 WETAC
 AIR FORCE PATH & SERVICE ANAL

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 107400 COYTESVILLE AFB AR STATION NAME 73-0 YEARS JAN MONTH 1950-1950 HOURS 12571
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.7	4.5	7.1	1.7	7.7						15.3	9.2
NNE		2.7	1.4	1.1	1.7							1.5	7.7
NE		1.5	1.6	1.3								1.1	6.4
ENE		1.1	1.2									1.4	6.4
E												1.2	6.5
ESE		1.1		1.1								1.7	4.7
SE												1.1	6.9
SSE		1.7	1.4	1.5								4.7	6.8
S		2.4	2.3	1.3	1.1		1.1					7.8	6.4
SSW	1.1	2.7	2.7	2.5	1.1							1.1	6.5
SW	1.1	1.7	1.2	1.7		1.1						6.4	6.1
WSW	1.1		1.4	1.3	1.1							1.1	6.8
W	1.1	1.6	1.5	1.5	1.1							4.8	7.1
WNW	1.2	1.7	1.7	1.7	1.1	1.1						1.1	7.2
NW		1.1	1.5	1.7	1.3							1.5	6.1
NNW		1.1	1.9	1.7	1.4	1.1						1.3	9.6
VARBL												1.1	
CALM													
	17.4	26.6	22.1	17.7	2.9	1.7	1.1					173.2	6.8

TOTAL NUMBER OF OBSERVATIONS 1732

SURFACE WINDS

JOINT

~~CONFIDENTIAL~~

CONDITION

TOTAL NUMBER OF OBSERVATIONS

USAFETAC 6 AM C85 OL A FROM JALERT TANS 48 TMS FROM ARE 080000Z

U.S. AIR FORCE
 CLIMATE DIVISION
 WASHINGTON, D.C.

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME WYTHEVILLE AFB MS STATION NAME WYTHEVILLE AFB MS YEARS 73-74 MONTH JAN
 CLASS ALL WEATHER HOURS 000-2400
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	3.1	5.7	7.1	1.4	.4						17.4	10.2
NNE	.4	1.7	2.6	1.4	.1							3.4	5.4
NE	.4	1.7	1.7	.6								3.4	7.3
ENE	1.7	1.5	.1	.5								3.4	6.6
E	.4	1.7	1.2	.1								3.7	5.6
ESE	.4	1.7	.9									3.7	6.9
SE	1.1	1.7	1.1	.5								5.7	5.3
SSE	1.1	1.7	2.3	1.2								8.3	7.8
S	1.7	2.6	1.8	1.7	.5							14.7	8.2
SSW	1.7	1.2	2.5	2.4								7.0	8.6
SW	1.7	1.5	1.1	.4								4.5	6.5
WSW	.4	1.7	.8	.3	.1							3.1	6.7
W	.4	1.7	1.6	.8	.7							7.5	7.1
WNW	.4	2.4	1.1	.6	.1							4.3	6.5
NW	.7	1.7	1.6	.8								4.1	7.4
NNW	.7	2.4	1.8	1.3	.4							7.7	6.9
VARBL												9.5	
CALM													
	12.7	29.6	26.6	13.0	3.7	.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 470

AL CLIMATOLOGY BRANCH
 TAC
 WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 723-08 STATION NAME WYTHEVILLE AFB AR YEARS 73-52 MONTH JAN
 CLASS ALL-WEATHER HOURS 1100
 CONDITION

SPEED KNTS. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	•	•	2.1	5.7	2.4	•						17.4	11.2
NNE	•	•	3.2	1.9	•	•						7.7	4.1
NE	•	1.1	1.2	1.1	•							3.7	•
ENE	•	1.0	1.1	•								2.2	0.4
E	•	1.0	1.0	•								2.0	7.3
ESE	•	•	•	•								2.3	2.7
SE	•	1.3	1.1	•	•							3.7	7.8
SSE	•	1.7	2.6	1.7	•							6.7	0.4
S	•	2.7	3.0	3.7	•	•						11.4	5.7
SSW	•	1.7	2.7	2.7	•	•						7.8	0.6
SW	•	•	1.3	•	•	•						3.8	0.2
WSW	•	1.0	1.5	•	•							3.7	•
W	•	2.0	2.5	1.1	•	•						7.2	1.1
WNW	•	1.6	1.3	1.0	•							5.1	0.2
NW	•	•	1.9	1.7								4.9	0.9
NNW	•	1.0	2.5	2.2	•	•						7.6	0.4
VARBL												•	
CALM												•	
	7.5	23.0	33.6	20.6	5.3	•						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 1100

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE /MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1024-00 ALSTHEVILLE AFB 1 23-81 YEARS 01 NORTH
STATION STATION NAME CLASS 1000-1400 HOURS U.S.T.
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.1	3.2	1.3	2.9	.1						7.2	13.7
NNE	.1	3.1	3.6	2.5	.6							6.5	6.7
NE	.4	1.1	1.6	.6								2.7	7.3
ENE	.1	.2	.6	.2								.1	3.6
E	1.5	.7	.8	.3								.5	2.7
ESE	.7	.1	.6	.2	.3							1.2	7.7
SE	.1	.4	.3	.3	.2							2.3	6.7
SSE	.1	.6	2.5	1.5	.3							4.1	6.1
S	.1	1.7	2.7	3.9	1.7	.1						3.3	11.4
SSW	.2	1.7	3.7	3.4	.6	.1						2.4	10.6
SW	.1	1.1	1.6	1.5	.4							.3	6.6
WSW	.1	1.7	1.7	.9								3.2	7.6
W	.1	.1	2.2	1.7	.7	.1						4.1	10.7
WNW	.4	.2	1.5	1.3	.2							2.7	9.9
NW	.5	1.3	1.1	1.7	.3							5.3	8.2
NNW	1.1	1.4	2.4	1.9	1.7	.2						12.2	9.9
VARBL												6.9	
CALM													
	.7	13.1	31.7	26.7	7.7	.6						11.2	9.7

TOTAL NUMBER OF OBSERVATIONS 170

U.S. AIR FORCE
METAC
WEATHER SERVICE/440

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 177400 WYTHEVILLE AFB 4 77-80 YEARS JAN MONTH 15-0-1700 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.0	6.0	4.0	.2	.1						17.1	5.3
NNE		1.1	3.1	2.3	.7							5.1	5.7
NE		1.0	1.1	1.1								4.4	7.2
ENE	1.1	1.0	.5	.1								2.7	4.5
E	.2		.5	.1								1.5	5.9
ESE	.4	.7	1.4									2.2	7.2
SE	.4	1.0	1.6	.6	.2	.1						4.5	8.6
SSE		1.4	1.4	.6	.1	.1						4.1	7.3
S	1.0	2.5	2.7	3.4	.5	.2						11.4	9.2
SSW	1.1	1.0	2.6	2.7	.2	.2						5.9	6.3
SW		1.0	1.6	1.2	.7							4.5	6.3
WSW	.2	1.4	.8	1.2	.1							3.4	4.2
W	.2	1.1	1.0	1.3	.2	.1						5.2	5.7
WNW	.2	.0	1.4	.4	.2							2.1	7.7
NW		1.1	2.7	1.4	.1							4.0	7.0
NNW	.2	1.0	1.0	.9	1.0	.1						5.0	1.0
VARBL													
CALM													
	.6	25.3	31.7	2.3	4.4	1.0						12.0	5.2

TOTAL NUMBER OF OBSERVATIONS

GENERAL CLIMATOLOGY BRANCH
 WETAC
 AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723456 STATION NAME ALL-WEATHER CLASS 73-80 YEARS 041 NORTH
 1800-2000 HOURS (LST)
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	4.7	3.3	2.4	.7	.2						14.0	5.3
NNE	2.5	3.1	3.7	2.4	.1							11.0	7.3
NE	1.7	1.7	1.5	.4								5.4	5.6
ENE	1.7	.5	.4									2.5	4.1
E	1.2	1.3	.3									2.7	4.2
ESE	1.1	1.7	.7	.1								3.2	4.4
SE	.7	1.4	1.1	.4								3.3	6.3
SSE	.7	1.3	1.3	.6	.3							4.0	6.6
S	1.7	4.7	3.7	2.3	.7			.1				12.4	7.5
SSW	.2	2.7	2.4	1.7	.7							6.2	7.2
SW	1.2	.7	.7	.5	.3	.1						3.2	7.2
WSW	.4	1.1	.4	.5	.3							2.7	7.5
W	.1	1.1	1.2	1.7	.4							3.5	9.4
WNW	.7	.7	1.1	.4								2.5	6.4
NW	.7	1.1	1.6	.5		.7						3.7	6.4
NNW	.4	.6	1.0	.9	.5							4.4	6.7
VARBL												1.0	
CALM												1.0	
	16.7	29.4	24.4	15.3	2.9	.5		.1				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

UNITED STATES AIR FORCE
 WEATHER SERVICE
 WILKINSON

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 22405 STATION NAME WILKINSON AFB TX YEARS 77-78
 CLASS ALL WEATHER CONDITION
 HOURS 12-2400

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.2	2.3	4.2	.1	.1						1.2	7.2
NNE	1.2	3.2	1.5	2.3								1.2	7.2
NE	.1	1.1	.9	.6								1.2	7.2
ENE	.1	1.4	1.1	.1								1.2	7.2
E	1.2	.1	.8	.2								1.1	6.4
ESE	1.2	.4	.1									1.1	6.4
SE	.1	1.1	.2	.1	.1							1.1	6.4
SSE	.4	2.3	2.2	.3	.2							1.1	7.4
S	.2	4.2	2.8	1.3	.4							1.1	6.5
SSW	.1	3.8	1.7	2.5	.1	.1						1.4	6.3
SW	.1	1.4	1.4	.3	.2							1.5	7.3
WSW	.4	.1	.1	.2	.1							1.7	7.4
W	.2	1.3	.6	1.5	.1							3.7	7.4
WNW	1.2	1.3	.6	1.2	.1	.1						4.5	6.5
NW	.4	1.6	.3	1.1								3.7	6.7
NNW	.1	.1	1.9	1.6	.5							1.6	6.9
VARBL													
CALM												1.4	
	13.5	21.7	20.9	17.9	7.1	.4						100	6.5

TOTAL NUMBER OF OBSERVATIONS 100

GENERAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

123402 ALLYTHEVILLE AFB AL 73-31
STATION STATION NAME YEARS MONTH
ALL-WEATHER CLASS ALL
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	3.0	1.0	4.9	1.3	.3	.3					10.6	4.8
NNE	.6	2.4	2.4	1.0	.7	.3						7.7	6.1
NE	.7	1.5	1.1	.9	.3							5.3	6.8
ENE	.3	1.5	.7	.2								2.9	5.4
E	.3	1.1	.6	.2								2.9	5.3
ESE	.7	.7	.6	.1	.1							3.3	5.7
SE	.3	1.5	1.0	.3	.1	.7						2.9	7.1
SSE	.3	1.5	1.8	.9	.1	.1						5.1	7.4
S	1.3	2.7	2.4	3.5	.6	.1	.3	.3				9.7	8.6
SSW	.3	2.7	2.7	2.3	.3	.1						1.4	5.8
SW	.7	1.5	1.2	.7	.5	.3						4.3	7.6
WSW	.7	1.1	.7	.6	.1							2.9	7.3
W	.3	1.4	1.5	1.2	.5	.3						4.3	6.7
WNW	.3	1.3	1.1	1.0	.1	.3						4.1	5.7
NW	.3	1.4	1.6	1.2	.1	.3						4.3	5.4
NNW	.3	1.5	2.2	1.6	.6	.1						6.5	6.6
VARBL													
CALM												11.0	
	11.7	26.1	26.9	20.3	4.1	.7	.3	.3				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 7447

OFFICIAL CLIMATOLOGY BRANCH
AFM-CLAC
AFM-CLAC SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7534 SLYTHEVILLE AFB AR STATION NAME 73-20 YEARS FEB MONTH
CLASS ALL - ALL THE YEAR
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.6	2.7	4.6	1.7	.5	.1					17.0	1.2
NNE	1.2	1.2	1.9	1.2	.1	.1	.1					1.4	9.5
NE	.1	1.7	1.2	.2								1.0	1.5
ENE	.7	1.7	.6									1.0	2.3
E	1.4	2.2	.2		.2							1.3	3.7
ESE	.7	1.3	.1	.1								1.2	4.6
SE	.7	1.7	.7	.7	.5							4.3	7.6
SSE	1.4	2.1	.6	.4	.4	.1						1.0	6.6
S	1.7	2.0	3.9	2.1	.5							11.1	1.1
SSW	.5	2.5	3.1	1.7								7.2	7.6
SW	.4	.7	1.2	.7	.2							3.3	.9
WSW	.1	.4	.5	.5								1.7	2.1
W	.7	.2	.6	.9	.1	.1						3.3	1.4
WNW	.5	1.2	.5	.9								1.1	7.5
NW	.4	.7	1.1	.9								1.2	6.2
NNW	.5	.1	2.6	2.6	.7							6.0	1.0
VARBL												13.7	
CALM													
	13.7	25.0	23.9	12.1	3.9	.5	.2					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 540

U.S. AIR FORCE
CLIMATE BRANCH
AFETAC
AF WEATHER SERVICE / AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 72401 WYTHEVILLE AFB AR STATION NAME 73-82 YEARS 51 NORTH
CLASS ALL WEATHER HOURS 14,517
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	1.7	4.0	4.6	5.3	.0	.5						1.6
NNE	.1	2.1	3.0	1.7								1.6
NE	.7	1.4	1.4	.2								1.1
ENE	.7	1.0	.1									.7
E	1.7	1.0	1.1	.4								.7
ESE	1.2	.0	.6		.1							.7
SE	1.1	2.1	.7	.8	.5							1.4
SSE	.6	2.1	1.3	.4	.1	.1						1.4
S	1.4	2.4	3.2	2.6								1.4
SSW	.1	1.4	2.7	2.0	.5	.1						1.7
SW	.1	.0	1.3	.6	.1							1.1
WSW	.1	.0	.5	.5								.7
W	.1	1.1	.1	.7	.1							1.1
WNW	.1	1.1	.5	.0	.2	.1						1.1
NW	.1	1.1	.0	1.4								.4
NNW	.1	1.3	2.2	1.3	.2	.1						.4
VARBL												
CALM											1.1	
	12.3	27.3	24.3	27.7	2.7	.0					10.0	7.1

TOTAL NUMBER OF OBSERVATIONS 14,517

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 123456 STATION NAME ELYTHEVILLE AFB AR YEARS 77-82 MONTH 000-1100
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.4	5.7	5.1	.5	.5						15.1	10.4
NNE	.5	1.5	5.1	5.1								7.1	8.7
NE	.5	.5	1.1	1.1								3.3	5.6
ENE	.5	1.5	.5	.5								3.3	5.6
E	.5	1.5	1.7									4.5	5.6
ESE	.5	1.1	.5	.4								2.4	6.1
SE	.5	1.2	2.6	.9	.2	.5						5.7	8.6
SSE	.5	1.5	2.4	.9	.4	.4						5.7	9.5
S	1.1	2.4	4.6	7.7	.4	.7						15.1	10.4
SSW	.4	.5	.5	.1	.5	.1						2.4	11.7
SW	.5	.5	.5	1.9	.5	.1						4.5	10.4
WSW	.5	1.4	.5	.5								3.2	6.3
W	.1	.5	1.7	.5	.5							4.3	10.4
WNW	.4	.5	1.2	1.4	.7	.1						4.3	10.1
NW	.5	.5	1.4	1.6								4.3	7.6
NNW	.5	1.2	2.4	2.6	.5	.1						7.3	10.5
VARBL													
CALM													
	.4	22.0	32.6	27.7	4.5	2.4						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 1046

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 70340F STATION NAME CUMTREVILLE AFB AF YEARS 23-92
CLASS ALL WEATHER HOURS 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	1.1	2.7	5.1	5.6	1.3	.1					15.2	10.3
NNE	.5	1.3	2.7	1.5							1.4	6.2
NE	.5	1.2	1.4	.7							5.5	7.3
ENE	.5	.8	.6								1.9	5.3
E	1.5	1.5	.8								3.7	4.9
ESE	.5	.5	.4	.5							1.9	6.7
SE	.5	.4	.4	.9	.1						2.4	8.7
SSE	.7	.8	.9	.6	.2	.1	.1				3.3	4.6
S	.7	2.8	5.2	5.1	1.3	.9					18.0	11.0
SSW	.5	2.5	2.6	3.5	.9	.2					10.0	10.4
SW	.5	1.4	1.3	2.2	.7	.1					5.7	10.2
WSW	.5	.7	1.2	.7	.4						2.4	9.6
W	.5	1.2	.9	.8	.5						4.0	5.9
WNW	.5	.4	1.5	1.5	.5	.2					4.0	10.6
NW	.1	.	1.2	1.3	.2						7.4	10.4
NNW	.	1.3	2.7	1.8	.1						6.4	9.1
VARBL												
CALM											3.0	
	2.9	27.2	29.9	27.9	6.4	1.7	.1				10.0	9.2

TOTAL NUMBER OF OBSERVATIONS 246

CLIMATE CLIMATOLOGY BRANCH
 AFM TAC
 A WEATHER SERVICE TAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION WYTHEVILLE AFB AP YEARS 73-9 MONTH ALL
 CLASS ALL WEATHER HOURS 0-1700
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	3.4	5.0	5.0	.5							10.9	9.3
NNE	.	2.3	5.0	1.4	.5							7.5	0.1
NE	.	.	1.5	1.1								3.7	0.1
ENE	.	1.0	.5		.1							1.6	4.6
E	.1	1.4	.5									2.2	5.1
ESE	.5	.5	.5	.1								1.0	0.7
SE	.	1.0	1.1	1.3	.1							4.4	1.0
SSE	.	1.2	.5	.6								1.1	7.1
S	1.1	3.4	4.7	6.3	1.0	.4						11.1	1.0
SSW	1.1	2.4	3.5	3.5	.5							11.0	7.2
SW	.	1.4	1.4	1.5	.5							5.0	7.0
WSW	.	.5	1.2	.6								1.4	1.1
W	.	.	.9	.6	.4							2.0	1.0
WNW	.	1.1	1.4	1.1	.5							4.0	7.0
NW	.	1.1	2.1	.9	.5							5.0	7.4
NNW	.	.5	2.0	.6	.5							4.7	0.9
VARBL													
CALM												1.1	
	10.6	24.4	30.6	24.3	5.0	.4						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 242

U.S. AIR FORCE
 U.S. AIR FORCE
 U.S. AIR FORCE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12743 GUYTHEILL AFB AR CLASS ALL WEATHERED YEARS 73-82 MONTH NORTH 1200-0000 HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.2	2.8	3.7	1.1	.0						13.2	3.3
NNE	.1	2.2	3.8	1.8	.3	.1						9.3	3.3
NE	1.2	2.7	.5	.5	.1							5.2	3.0
ENE	.7	1.1	.6	.1								2.5	3.4
E	.2	1.2	.7									4.1	4.1
ESE	1.7	1.2	.5	.7	.1							3.7	4.9
SE	.1	1.7	.7	1.1								4.4	7.2
SSE	1.5	2.4	.4	.7	.1							1.3	5.5
S	.2	5.2	4.4	2.4	.5							12.0	7.5
SSW	.7	2.2	2.0	.5	.1							3.6	6.7
SW	.1	.1	.5	.2		.1						1.7	5.4
WSW	.2	.1	.6	.9								2.7	5.6
W	.5	1.2	.5	.2								2.5	5.3
WNW	.4	1.1	.5	1.2								3.1	6.5
NW	.1	.7	.5	.9	.3							2.3	10.1
NNW	.1	.6	.2	1.1	.2							3.2	7.5
VARBL													
CALM												14.5	
	1.7	29.2	21.8	15.5	2.3	.5						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 46

AL CLIMATOLOGY BRANCH
 AFMTC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10400 LUTHEVILLE AFB 1 STATION NAME 73-62 YEARS MONTH NORTH
 CLASS ALL BATHER
 HOURS (LST) 100-2300

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.5	3.5	3.1	.7	.1	.3	.1				1.4	3.7
NNE		2.3	3.7	2.1	.7	.7	.1					1.2	3.9
NE		1.0	.5	.1	.1							.1	3.5
ENE	1.0	1.7	.5	.2								.2	4.5
E	1.7	1.7	.4									.2	3.7
ESE	1.1	1.0	.7	.5	.1	.1						.3	6.6
SE	1.4	1.0	.5	.5	.7							4.5	3.1
SSE	1.0	2.7	.9	.2								1.2	3.1
S	.1	4.5	3.5	3.8	.2							13.5	3.2
SSW	.4	1.5	2.1	.8	.1							5.3	7.8
SW	.1	.4	.7	.4	.1	.1						1.3	1.6
WSW	.7	.5	.7	.7	.1							1.7	7.3
W	1.0	.5	.7	.5								3.7	5.9
WNW	.5	.7	.6	.7	.1							2.7	8.8
NW		.1	.0	.6	.1							2.7	11.2
NNW		1.7	1.4	1.4	.9							5.6	10.2
VARBL													
CALM												14.3	
	.2	26.3	29.2	17.8	3.2	.6	.2	.1				10.2	3.7

TOTAL NUMBER OF OBSERVATIONS 545

U.S. AIR FORCE
 AFMTC
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 123400 LYTHVILLE AFB A STATION NAME 73-60 YEARS 50
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.7	1.0	1.6	1.1	.3	.2	.2				12.8	7.2
NNE	.3	2.6	2.3	1.7	.1	.1	.1					7.5	3.4
NE	.7	1.6	1.0	.6	.3							1.3	6.7
ENE	.1	1.4	.5	.1	.2							2.4	5.0
E	1.1	1.6	.8	.1	.2							3.7	4.9
ESE	.3	1.1	.4	.2	.2	.2						2.3	5.7
SE	.1	1.3	1.0	.6	.2	.2						4.3	7.6
SSE	.3	1.2	1.2	.6	.1	.1	.2					4.0	7.1
S	1.1	2.1	4.1	3.2	.6	.2						12.4	8.9
SSW	.7	2.4	2.1	2.1	.5	.1						1.5	8.4
SW	.1	.2	1.1	1.0	.2	.1						3.7	9.2
WSW	.1	.2	.5	.7	.1							2.3	7.7
W	.7	1.2	.7	.7	.3	.2						3.4	8.1
WNW	.4	.3	.9	1.1	.2	.1						2.4	8.4
NW	.2	.7	1.1	1.2	.2							2.4	9.6
NNW	.1	1.2	2.0	1.6	.4	.2						2.6	9.4
VARBL												1.9	
CALM													
	12.4	25.5	25.8	21.2	4.0	1.0	.1	.2				122.0	7.6

TOTAL NUMBER OF OBSERVATIONS 6767

JOINT CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723412 STATION 01YTHEVILL AFB AT 73-62 YEARS 44 MONTHS 22-0000
STATION NAME CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.4	2.7	2.8	.1	.1						1.2	6.9
NNE	.1	1.7	1.4	1.7		.1						1.2	6.6
NE	.1	1.5	.6	.6								3.1	6.7
ENE	1.1	2.0	.4	.2								4.1	5.5
E	1.7	2.9	1.5	.1								5.2	6.2
ESE	1.2	1.2	.6	.1	.3							3.7	6.5
SE	1.5	1.5	1.1	.5	.1	.4						4.9	7.8
SSE	1.7	2.3	2.3	1.2		.1						7.3	7.3
S	.1	3.5	4.5	3.2	1.2	.5						13.8	9.9
SSW	.5	4.5	3.5	1.5	.2							9.3	7.4
SW	.1	.5	.5	.3		.1	.2					2.3	10.1
WSW	.1	.1	.3	.2								1.1	6.5
W	.1	.1	1.4	.6	.1	.1						3.1	9.6
WNW	.1	1.4	1.1	.5								3.3	7.2
NW	.5	1.7	.9	1.0	.3							4.3	6.3
NNW	.1	1.2	1.5	1.1	.1							4.2	5.5
VARBL													
CALM												13.4	
	12.3	22.7	24.6	15.8	2.5	1.5	.2					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 570

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFSTAC
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 723400 LYTHE WLL AFB AF 73-60 YEARS MONTH 4-11
 CLASS ALL WEATHER HOURS (LST) 0300-0600
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	3.1	3.1	2.3	.2	.1						11.5	5.2
NNE	1.7	1.9	1.1	.9	.6							5.3	7.2
NE	.1	1.3	.9	.6								2.8	7.1
ENE	1.2	1.4	.9	.1								3.5	5.1
E	2.4	1.9	1.5	.5								6.3	5.2
ESE	1.7	1.1	.1	.1								3.1	5.1
SE	1.2	1.7	1.2	1.1	.3	.2						5.2	6.4
SSE	1.7	2.5	1.4	1.3	.1							6.3	6.9
S	1.1	2.7	4.5	2.2	1.7	.5						13.1	11.9
SSW	.1	2.4	3.4	.9		.7						6.8	7.6
SW	.1	.5	.4	.4	.1							2.4	6.5
WSW	.1	.6	.5	.2								1.9	6.1
W	.7	.6	1.6	1.3								4.1	6.8
WNW	.6	.9	1.5	.9								4.1	6.2
NW	.3	.1	1.2	.8								3.2	7.9
NNW	.1	1.6	2.5	1.1	.1							5.6	6.1
VARBL													
CALM												17.2	
	1.4	25.7	26.5	16.2	2.9	1.2						10.0	6.9

TOTAL NUMBER OF OBSERVATIONS 471

JOINT CLIMATE LOGISTICS BRANCH
AFETAC
AIR WEATHER SERVICE/AMC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 120418 ELYTHEVILLE AFB AR 77-82 YEARS 1977-1982
STATION NAME CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.0	4.0	4.5	1.1	.1						14.0	10.2
NNE	.5	2.3	1.4	.6	.2							4.7	7.4
NE	.6	1.3	.9	.4								3.2	6.4
ENE	1.3	1.4	.4	.5								4.1	5.3
E	1.1	2.3	2.2	.6								5.4	6.6
ESE	.3	1.4	1.3	.3								3.3	6.7
SE	.4	2.3	2.2	1.1	.1							6.2	7.9
SSE	.9	2.2	1.0	1.1	.1	.2						5.5	6.2
S	.3	2.6	2.2	3.2	1.1	.5						14.9	10.7
SSW	.1	1.2	2.8	2.4	.3	.4						7.6	10.3
SW	.5	.4	1.0	.3								1.7	7.4
WSW	.1	.6	.6	.4	.1							1.0	6.8
W	.3	1.3	1.5	1.5								4.5	6.1
WNW	.1	.1	1.8	.3	.1							3.2	6.3
NW	.4	1.3	1.2	.8								3.7	7.5
NNW	.4	.1	1.8	1.6								4.6	6.9
VARBL													
CALM												17.4	
	.5	25.7	23.5	22.9	3.1	1.2						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 929

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 723404 FLYTHEVILLE AFB AT 73-R2 YEARS NORTH
CLASS ALL WEATHERS 120-1400
HOURS U.S.T.
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.2	3.3	4.2	.6	.5						1.7	10.7
NNE	.4	.3	2.2	1.6	.2							1.4	8.6
NE	.1	.9	.6	.4								1.5	8.5
ENE	1.2	1.4	1.3	.6								4.7	6.4
E	.1	2.2	1.7	.4								4.1	6.6
ESE	.4	1.3	1.1	.6								7.4	7.2
SE	.5	.1	1.2	1.6	.4	.4						4.2	12.1
SSE	.1	.6	1.3	2.2	.4	.2						1.1	10.4
S	.1	1.4	3.6	6.6	2.5	.6	.6					16.7	13.3
SSW	.4	.1	2.5	5.2	3.1	1.4	.2					13.7	14.3
SW			1.1	3.2	.1							6.2	11.5
WSW	.1	.1	1.7	1.7	.1							3.0	6.7
W	.1	.3	1.3	1.6	.1							4.3	6.7
WNW	.1	1.1	1.4	1.5	.1							4.5	9.2
NW	.1	1.2	1.6	1.4								4.3	6.5
NNW	.1	1.2	1.7	2.0	.6							5.7	10.6
VARBL													
CALM												1.5	
	7.6	15.9	26.9	35.3	8.5	3.4	.9					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 670

CLIMATE CLIMATOLOGY DIVISION
 AFSTAC
 AIR WEATHER SERVICE ZNAF

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 127405 DAYTONVILLE AFB 4 YEARS 73-82 MONTH NORTH
 CLASS ALL WEATHER HOURS (LST) 1500-1700
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.	2.4	4.1	3.7	.2	.7						1.2	2.3
NNE	.	.	2.4	1.6								1.5	6.5
NE	.	1.7	.9	.4								2.7	6.6
ENE	.	1.0	1.7	.8								3.7	7.9
E	.	2.7	1.6	.3								2.2	6.1
ESE	.7	.7	1.1	.2	.1							2.3	7.7
SE	.	1.7	1.1	.5	.9	.1						4.3	10.3
SSE	.	1.	2.7	1.7	.3							3.2	9.6
S	.4	.	4.7	7.3	3.5	.2	.1					17.1	13.1
SSW	.	1.3	3.6	4.5	1.6	.6						11.5	12.1
SW	.	.	2.2	2.0	.4							3.6	12.4
WSW	.7	.5	1.2	.6	.3							3.2	7.3
W	.7	.	1.2	1.8	.4							4.5	13.4
WNW	.	.4	1.2	.9	.1							4.2	8.8
NW	.	.	1.5	1.0	.3							3.4	10.5
NNW	.	.7	1.9	1.3	.1							4.5	8.9
VARBL													
CALM													
	7.1	17.3	22.8	24.9	8.8	1.3	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 430

CENTRAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION PLYMOUTHVILLE AFB AR YEARS 77-82 MONTH ALL

CLASS ALL WEATHER HOUR (LST) 1200-1800

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.1	1.7	2.0	.5	.2						2.5	4.8
NNE	1.1	2.5	2.5	1.4								7.5	7.4
NE	.5	.5	1.5									5.2	6.0
ENE	1.5	2.4	.2	.5								2.1	4.7
E	.5	2.4	1.1	.2		.1						2.5	5.4
ESE	1.7	.5	.3	.3	.1	.1						3.5	6.5
SE	1.5	2.5	.5	1.2	.2		.1					6.5	6.5
SSE	1.5	2.4	1.2	1.5	1.5							6.5	6.1
S	1.5	4.5	6.5	5.8	2.5	.1						21.2	6.6
SSW	.5	1.5	1.3	.5								4.7	7.5
SW	.5	.5	.6	.6								2.7	7.5
WSW	.5	.2	.4	.3								1.5	6.5
W	.5	1.2	1.2	.4								2.1	7.1
WNW	.5	1.5	.4	1.0	.1	.2						2.9	5.5
NW	.4	.5	1.3	.5	.2							3.4	5.4
NNW	.5	.5	1.4	.4	.1	.1						2.9	5.6
VARBL													
CALM												11.2	
	1.4	27.4	23.2	17.5	4.3	.0	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 570

U.S. AIR FORCE
 CLIMATE DIVISION
 WASHINGTON, D.C.

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 120408 DUTHYVILLE AFB AR STATION NAME YEARS 73-4 MONTH NORTH
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	1.2	2.2	2.9	.4	.4						2.0	2.6
NNE	1.7	2.5	2.7	.5								4.6	3.7
NE	1.7	2.4	1.4	.3								4.7	3.0
ENE	1.7	1.5	.6	.3								4.1	2.0
E	2.7	2.3	1.8	.1	.1	.2						5.2	2.7
ESE	1.1	.7	.7	.7	.3	.1						5.2	7.7
SE	2.1	2.2	1.2	1.2	.3							5.6	7.7
SSE	.	2.6	1.7	.8	.8							5.8	6.7
S	1.1	2.7	4.8	4.5	1.9	.7						17.8	7.3
SSW	.7	2.8	1.4	2.7	.4							7.1	2.5
SW	.	.	.7	.2								5.3	1.1
WSW	.	.7	.7	.2	.1							5.2	7.7
W	.4	1.1	1.3	.4								5.2	6.8
WNW	.7	1.7	.5	.3	.5	.1						5.2	1.9
NW	.7	.5	1.1	.5	.1	.7						.	7.7
NNW	.7	.	1.7	.2	.2							3.2	5.5
VARBL													
CALM												1.7	
	14.7	25.0	22.7	15.1	5.7	1.4						17.0	6.4

TOTAL NUMBER OF OBSERVATIONS 570

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: PLYMOUTHVILLE AFB AF STATION NAME: 73-21 YEARS: MA MONTH: ALL

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.7	3.0	3.0	.5	.2	.					12.7	9.6
NNE	.	1.8	1.9	1.3	.1	.						8.7	8.7
NE	.	1.8	1.1	.4								8.3	8.7
ENE	1.1	1.8	1.0	.6								8.1	8.1
E	1.0	2.4	1.7	.4	.0	.						8.8	8.6
ESE	.	1.1	.0	.3	.1	.						8.3	8.7
SE	.7	1.4	1.2	1.2	.3	.	.					8.1	9.1
SSE	.	1.9	1.9	1.4	.4	.1						8.4	8.8
S	.	2.7	4.7	5.4	1.8	.5	.1					11.3	11.1
SSW	.	2.1	2.5	2.6	.9	.4	.1					7.4	10.7
SW	.7	.7	.9	1.1	.1	.	.					8.2	9.4
WSW	.4	.4	.7	.5	.1							8.1	8.7
W	.7	.	1.4	1.2	.1	.						8.7	9.1
WNW	.4	.	1.3	.8	.2	.						7.8	8.8
NW	.0	.	1.3	.9	.1	.0						8.8	8.9
NNW	.4	1.0	1.8	1.4	.2	.0						4.8	9.3
VARBL													
CALM												1.5	
	10.1	23.1	27.0	23.4	5.2	1.6	.3					10.2	8.3

TOTAL NUMBER OF OBSERVATIONS 7439

U.S. AIR FORCE CLIMATOLOGY STATION
 AF 123456
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

123456 STATION 123456 AFB AF 77-6 YEARS MONTH
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.3	1.0	2.0	.3							7.7	6.8
NNE	.0	1.0	2.1	.3								4.0	7.5
NE	.0	2.0	1.6	.6								.1	6.7
ENE	1.1	2.1	.0	.3								7.4	6.4
E	.0	1.1	.7									.0	7.4
ESE	.0	1.2	.3	.1								.0	6.7
SE	1.0	1.0	1.4	.6		.7						.3	7.7
SSE	1.2	2.0	2.1	1.6		.1						7.4	7.5
S	2.7	.0	4.3	2.9	.3	.1						10.3	7.4
SSW	1.0	2.0	2.4	1.6	.2	.1						7.4	7.8
SW	.0	1.0	.0	.2	.1	.1						.0	7.6
WSW	1.0	1.1	.3	.3		.1						.1	6.8
W	.1	1.3	.0	.6	.0							.0	6.6
WNW	1.1	.0	.3	.6								.0	6.4
NW	.0	1.1	.7	.6	.0							.0	6.3
NNW	.0	.0	.0	.0	.0							.1	6.1
VARBL													
CALM												16.0	
	1.0	25.1	22.1	13.6	1.6	.8						170.0	6.4

TOTAL NUMBER OF OBSERVATIONS 100

JOINT CLIMATOLOGY BRANCH
AFMTCAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 120406 STATION NAME BLYTHEVILLE AFB AR YEARS 73-82 MONTH APRIL
CLASS ALL WEATHERED HOURS 0700-0600
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.4	1.0	2.1								7.4	7.7
NNE	1.0	1.7	2.2	.2								6.1	6.4
NE	1.0	1.2	1.0	.2								4.5	5.9
ENE	.1	1.4	.8	.1								4.5	4.3
E	1.0	2.3	.6	.2								4.3	5.3
ESE	.7	1.1	.3									4.0	4.4
SE	.7	2.0	1.6	.4	.7	.1						5.3	7.4
SSE	1.7	1.7	2.0	.7	.1							6.1	6.4
S	1.7	3.6	5.1	4.0	1.0							16.3	9.1
SSW	1.2	3.1	2.3	.9	.3							7.6	6.9
SW	.0	1.2	.6	.6	.1	.1						3.1	7.5
WSW	1.3	.7	.7	.2		.1						3.1	5.6
W	1.1	.5	.3	1.9	.1	.1						4.3	5.7
WNW	.7	2.0	.7	.8								4.0	6.6
NW	.7	1.1	.4	.3								3.2	6.9
NNW	.1	1.7	.6	1.1								2.7	6.9
VARBL													
CALM												17.3	
	15.7	27.9	22.1	13.7	1.9	.4						10.0	5.9

TOTAL NUMBER OF OBSERVATIONS 400

LOCAL CLIMATOLOGY BRANCH
 AFMPC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 103409 STATION NAME BLYTHEVILLE AFB AR YEARS 73-82 MONTH APR
 CLASS ALL WEATHER
 HOURS 1400-1600
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.7	1.3	2.0	.3	.1						2.2	2.3
NNE	1.0	1.1	1.2	1.3								1.3	3.1
NE	.4	1.2	1.9	.6								4.2	7.4
ENE	.7	1.7	2.4	.4	.1							3.2	7.1
E	1.4	2.0	2.6	.3	.2							3.9	9.5
ESE	.4	1.7	.7	.1								2.9	5.7
SE	.6	1.4	2.4	.6	.3							3.3	7.7
SSE	.0	2.1	3.0	1.7	.1							7.8	8.2
S	1.2	3.4	5.2	5.5	.7	.4						16.5	9.8
SSW	.0	1.4	2.7	1.6	.4							3.6	9.1
SW	.2	.9	1.0	.4								2.0	7.3
WSW	.7	1.0	.9	.3	.2							2.2	6.9
W	.3	1.1	2.0	2.2	.1							5.5	9.8
WNW	.7	1.2	1.8	.8	.1							4.0	8.0
NW	.4	.5	.9	.6								2.7	7.5
NNW	.3	.3	.1	1.2	.2							3.4	9.4
VARBL												11.1	
CALM													
	10.7	23.7	31.5	19.6	2.9	.6						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 809

U.S. AIR FORCE METEOROLOGICAL BRANCH
AFETAC
ALL WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127406 ELYTHEVILLE AFB AR 73-93 YEARS AF - NORTH
CLASS ALL WEATHER 000-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	2.3	3.1	.7							.2	4.2
NNE	.1	.7	2.1	1.0	.5							.1	4.9
NE	.1	.7	2.7	1.1	.1							4.3	6.6
ENE		1.5	2.3	.9								.3	7.6
E	1.1	1.5	2.6	.6								.5	7.5
ESE	.1	1.3	1.9	.2								.7	6.5
SE	.1	.7	1.7	1.6	.1							4.3	9.4
SSE	.1	1.5	1.0	1.1	.6							7.4	10.1
S	.1	2.6	4.4	7.7	2.1	.7						12.7	11.6
SSW	.1	1.3	4.3	4.1	1.7							11.0	10.9
SW	.1	1.5	1.7	1.5	.2							4.3	6.3
WSW	.1	.7	1.3	.9	.1							3.0	4.8
W	.1	1.0	.8	2.7	.9	.1						5.7	12.0
WNW		.7	1.6	1.1	.1							3.5	7.7
NW	.1	.7	2.5	1.7								4.2	6.6
NNW	.1	1.0	1.6	.9	.4							4.4	6.9
VARBL													
CALM												1.0	
	5.7	19.0	34.8	31.3	1.6	.9						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 600

U.S. NAVAL CLIMATOLOGY STATION
 AFSTAC
 ALL WEATHER ST. VICO/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12345 STATION NAME ALLTHEVILLE AFB 73-62 YEARS MONTH 10 1960-1962
 CLASS ALL WEATHER
 CONDITION

SPEED KNTS/ DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.2	1.3	2.6	.3	.1						7.1	9.5
NNE	.4	1.0	2.3	1.7	.4	.2						4.8	9.1
NE	.4	1.2	2.4	1.7								4.4	8.9
ENE	.4	1.1	2.5	.6								4.2	7.7
E	.1	1.7	1.6	.4								3.5	7.4
ESE	.7	1.5	.7	.3								1.1	6.0
SE	.2	1.7	1.3	1.2	.2							4.7	6.8
SSE	.4	.4	2.3	2.3	.6							7.9	11.1
S	.4	1.7	4.3	3.1	1.2	1.3	.1					17.8	12.5
SSW	.4	1.4	2.7	5.2	.7	.1						11.1	11.1
SW	.4	.6	2.3	2.7	.4	.2						1.1	10.6
WSW	.4	.4	1.3	1.3	.3							4.1	5.8
W	.1	1.3	1.3	2.6	.7							4.7	11.2
WNW	.1	.4	1.9	1.4								4.2	9.3
NW	.4	.4	.6	.6								2.7	9.1
NNW	.7	.6	1.1	1.2	.2							3.1	9.0
VARBL													
CALM												1.4	
	.6	1.1	2.6	33.2	6.7	2.7	.1					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 400

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 123456 WILTHEVILLE AFB AR YEARS 73-80 MONTH 1980-1980
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.7	1.8	1.5	.5							5.7	1.2
NNE	.7	2.8	3.3	2.2	.6		.1					7.3	1.7
NE	.1	1.1	3.1	1.3	.1	.2						6.6	1.1
ENE		3.2	1.1	.6								4.4	1.1
E		1.6	1.7	.7								4.3	1.1
ESE		1.6	.7	.4								1.1	1.1
SE		.4	2.7	.9	.7							4.7	1.7
SSE	.7	.9	3.3	4.1	.4							6.2	1.1
S	.7	1.4	4.3	8.1	2.5	.6						11.3	1.4
SSW	.7	.1	4.4	5.5	.5							11.1	1.1
SW	.3	.1	1.7	1.6	.1							4.4	1.1
WSW	.1	.1	.8	.8	.2							2.6	1.1
W	.1	1.1	2.1	2.3	.4							6.3	1.4
WNW	.1	.1	1.6	1.7	.2	.1						4.7	1.4
NW	.1	.5	.2	.7		.1						1.2	1.1
NNW	.1	.1	1.1	.7	.1							2.2	1.1
VARBL													
CALM													
	5.0	17.2	33.4	32.7	6.9	1.0	.1					100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 470

JOINT CLIMATE CENTER
 AFMPC
 AIR WEATHER SERVICE/AL

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

123456 STATION NAME DLYTHEVILLE AFB AL 77-82 YEARS NORTH
 ALL WEATHER CLASS 1980-2000
 HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	2.0	1.2	.4							7.2	6.2
NNE	.0	1.1	1.0	1.1	.1							6.7	7.5
NE	1.0	2.3	2.0	.3		.1						2.3	5.1
ENE	1.1	1.0	.7	.2								2.0	5.0
E	1.0	1.4	.7		.1							3.0	5.0
ESE	.0	1.4	.0	.4		.1						2.0	6.7
SE	.0	2.0	2.9	.0	.0							7.2	7.0
SSE	.0	3.2	2.4	1.9	.0	.1						6.0	6.0
S	1.7	4.2	.6	4.0	.8							10.2	5.7
SSW	1.7	3.2	4.3	1.0								10.2	6.6
SW	.0	1.6	.4	.7								2.3	6.4
WSW	.0	.0	.4	.1	.3							2.0	6.0
W	.0	.0	1.0	.6								2.2	6.7
WNW	.4	.0	1.0	.9	.1	.1						3.4	6.9
NW	.1	.0	.3	.6		.1						1.7	9.9
NNW	.0	.0	1.2	.6								2.0	8.4
VARBL													
CALM												1.0	
	13.0	32.3	27.9	14.4	2.3	.6						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 200

11. AL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 023405 ELYTHEVILLE AFB A- YEARS 73-80 MONTH APR
CLASS ALL WEATHER HOURS (LST) 0100-2300
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.7	.9	1.1	.3							3.1	0.5
NNE	1.1	3.3	1.8	.9	.1							3.1	0.5
NE	1.6	3.1	1.2	.8								4.7	5.7
ENE	1.4	1.1	.8	.1								4.1	4.8
E	1.2	.1	.7									1.7	4.5
ESE	.1	.6	.3	.2								1.3	5.3
SE	.7	3.9	3.1	1.2								7.9	7.5
SSE	.7	4.6	3.3	.7	.1							9.6	6.5
S	1.0	5.3	5.4	3.7	.2		.1					16.6	7.6
SSW	1.2	3.1	1.7	1.1	.1		.1					7.1	7.1
SW	.7	.6	.8	.1								1.0	5.7
WSW	.4	.5	.3	.3		.3						1.3	8.1
W	1.1	1.3	1.8	.3	.2							4.7	6.5
WNW	.1	.6	.7	.3	.1							1.9	6.3
NW	.1	1.1	.6	.7	.2	.3						3.0	9.9
NNW	.1	.5	.3	.8	.1							3.3	9.4
VARBL													
CALM												14.1	
	1.6	32.3	24.3	11.6	1.5	.4	.2					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 500

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFM 7-10.1
 ALL WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723409 STATION 723409 STATION NAME ALLYTHEVILLE AFB AR 73-2 YEARS MONTH

ALL WEATHER
 CLASS

ALL
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	1.1	1.4	1.8	2.7	.4	.2						7.1
NNE	.2	1.4	2.3	1.1	.2	.2	.2					5.7
NE	.2	1.4	2.1	.7	.2	.2						7.1
ENE	1.0	1.7	1.4	.4	.2							6.1
E	1.0	1.5	1.4	.3	.6							6.1
ESE	.2	1.3	.7	.2		.2						6.1
SE	.2	1.3	2.2	.9	.2	.2						6.1
SSE	.2	2.2	2.5	2.2	.3	.2						.1
S	1.7	3.5	4.9	3.3	1.2	.4	.2					18.2
SSW	.2	2.1	3.2	2.5	.4	.2	.2					7.7
SW	.4	1.7	1.2	.8	.1	.1						6.5
WSW	.2	.9	.8	.5	.2	.1						6.1
W	.7	1.1	1.2	1.6	.3	.2						7.4
WNW	.4	1.7	1.2	.9	.1	.2						6.6
NW	.2	.2	.8	.7	.1	.1						6.6
NNW	.3	.7	1.7	.9	.2							7.1
VARBL												
CALM												7.3
	11.2	25.1	28.6	21.3	3.7	.8	.1					7.7

TOTAL NUMBER OF OBSERVATIONS 7199

CENTRAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 103408 STATION NAME LYTHERVILL AFB AR YEARS 73-82 MONTH MAY
CLASS ALL WEATHER HOURS (L.S.T.) 000-2400
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	3.6	3.1	.8								10.3	5.9
NNE	1.0	1.8	1.4	.3								3.1	5.3
NE	1.0	1.3	1.0									4.3	4.7
ENE	0.0	1.3	1.5	.2								4.7	4.4
E	0.0	1.5	.6									1.3	3.8
ESE	1.1	.5	.6									2.4	4.7
SE	1.4	1.7	1.3	.1	.1	.1						4.7	5.8
SSE	0.0	4.7	1.5	.3								7.6	4.9
S	0.0	4.5	4.3	1.5	.2							10.1	6.6
SSW	0.2	1.7	1.9	.9			.1					6.0	6.3
SW	1.1	1.2	1.0									3.2	5.1
WSW	.0	.2	.6			.1						1.0	6.4
W	.0	1.1	.3									1.9	4.7
WNW	.0	.5	.2									1.1	4.6
NW	.0	.3	.4									1.1	5.7
NNW	.0	.6	1.0	.3	.1							2.7	7.2
VARBL													
CALM												27.5	
	23.4	27.6	20.3	4.4	.4	.2	.1					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 229

U.S. AIR FORCE
CLIMATE DIVISION
METEOROLOGICAL SERVICE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10448 LITTLEVILLE AFB AR STATION NAME 73-92 YEARS MAY MONTH
ALL WEATHER CLASS 0700-2200 HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	4.2	3.1	1.2								1.0	6.3
NNE	1.2	2.2	1.6	.3								0.8	5.8
NE	1.2	1.4	.5	.2								4.1	4.3
ENE	1.2	1.3	.4	.1								1.1	4.1
E	1.2	1.2	.6									3.2	4.2
ESE	1.2	1.1	.1		.1							3.1	4.2
SE	.5	2.7	1.2	.2	.1							1.1	5.7
SSE	1.2	3.7	1.6	.2								7.1	5.3
S	2.0	4.5	4.0	1.8	.2							11.2	6.7
SSW	1.2	3.1	3.3	1.7	.1							8.7	5.9
SW	.5	.5	.5	.2								1.2	5.6
WSW	1.3	.5	.5	.2								3.3	4.9
W	.5	.5	.5	.1								1.5	5.1
WNW	.5	.5	.2	.1								1.1	5.5
NW	.5	1.1	.3									4.0	4.3
NNW	.5	1.3	.5									2.0	4.9
VARBL												20.3	
CALM													
	14.9	29.7	19.5	5.2	.5							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 570

AFMCL CLIMATOLOGY BRANCH
 AFMCLTAC
 WEATHER SERVICE/AFM

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 02344 ELLYTHEVILLE AFB AL 73-81 MAY 1960-1960
 STATION NAME YEARS MONTH
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	3.1	3.3	3.7								13.4	7.2
NNE	1.0	2.2	2.4	1.1								7.0	6.7
NE	.4	1.0	1.1	.3								2.7	6.3
ENE	1.0	1.4	1.0	.3								1.7	5.5
E	1.0	2.5	1.4	.1								1.2	5.4
ESE	1.0	1.5	1.0	.1	.1	.3						4.7	5.3
SE	1.1	1.7	1.2	.1	.1							4.0	5.6
SSE	1.0	2.0	2.6	.4								7.3	5.3
S	1.0	4.4	5.8	3.4	.4							13.4	8.4
SSW	.7	1.0	3.9	2.6	.3							9.4	7.0
SW	.7	1.2	1.0	.2	.1							2.9	7.0
WSW	.1	1.1	.6	.1	.1							2.2	6.9
W	.0	1.1	.9	.0	.1							3.7	7.2
WNW	.0	.1	.2	.1								.1	5.6
NW	.0	.4	1.0	.2								1.3	7.7
NNW	.1	.5	1.4	.1								3.5	6.3
VARBL													
CALM												13.5	
	1.1	26.0	29.5	12.1	1.3	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 22

U.S. AIR FORCE
AFSTAC
AIR WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION PLYMOUTH AFB A- STATION NAME 73-6 YEARS 1950-1959
CLASS ALL WEATHER HOURS (LST) 2400-1100
CONDITION

SPEED (KNTS, DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	2.1	2.2	.1							1.8	7.2
NNE	1.1	2.1	3.2	1.4								1.8	7.3
NE	.1	2.1	1.3	1.2	.2							2.5	7.7
ENE	1.1	2.4	2.0	1.0								3.5	6.7
E	.1	2.1	1.6	.4								1.3	6.2
ESE	1.0	.1	1.4									1.2	5.5
SE	.1	1.1	2.2	.4	.1							1.3	6.6
SSE	1.2	2.3	4.1	1.3	.1							1.0	7.8
S	.1	2.1	3.3	4.3	.4							11.5	11.6
SSW	.1	1.3	3.2	4.3	1.3							11.1	11.1
SW	.1	1.1	1.6	2.6	.3							1.7	9.4
WSW	.4	1.1	1.5	.9	.1							3.0	6.3
W	.1	1.1	1.1	.6	.2							4.3	7.3
WNW	.1	.1	.6	.5	.1							2.0	7.1
NW	.1	.1	1.1	.2								1.0	6.2
NNW	.1	1.1	1.6	.8								4.1	7.7
VARBL													
CALM												4.7	
	12.1	25.3	11.9	22.5	3.2							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 77

JOINT CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 123456 STATION NAME ELLYTHEVILLE AFB AR YEARS 73-82

CLASS ALL WEATHER MONTH 1000-1400 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.8	2.4	2.6	.3							7.6	4.1
NNE	1.5	1.8	2.7	1.7	.1							6.7	7.0
NE	.5	.5	2.1	1.1								4.5	8.4
ENE	1.2	1.1	1.9	.4								1.2	0.3
E	1.4	1.8	1.5									3.9	5.3
ESE	.7	1.7	1.2	.5								1.1	0.9
SE	.5	1.3	1.6	.4								4.1	7.5
SSE	.1	2.7	3.8	3.6	.5							3.3	7.1
S	1.5	2.4	5.3	5.8	1.5	.1						10.5	13.1
SSW	.5	1.7	2.4	3.4	1.7							5.5	13.7
SW	.5	1.1	2.4	2.6	.7							5.6	10.2
WSW	.5	.5	3.1	1.8	.1							5.3	5.8
W	.5	.5	.6	1.1	.2							3.4	5.5
WNW	.4	.5	1.3	.5								1.7	1.2
NW	.5	.6	1.6	.4								3.1	7.8
NNW	.5	.5	1.9	.5	.1							3.9	7.7
VARBL													
CALM												1.1	
	11.7	30.1	35.4	25.5	4.0	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 570

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME: ATLANTA, GA YEARS: 1951-1952 MONTH: 12
STATION: 12 CLASS: 1 HOURS: 12
CONDITION: 1

SPEED (KNTS D/R	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	•	1.0	1.4	2.8	•	•	•	•	•	•	•	•
NNE	•	1.0	1.4	1.0	•	•	•	•	•	•	•	•
NE	1.1	1.0	1.0	1.1	•	•	•	•	•	•	•	•
ENE	•	1.0	1.0	•	•	•	•	•	•	•	•	•
E	1.1	1.0	1.0	•	•	•	•	•	•	•	•	•
ESE	•	1.4	•	•	•	•	•	•	•	•	•	•
SE	•	1.0	1.0	•	•	•	•	•	•	•	•	•
SSE	•	1.0	1.0	•	•	•	•	•	•	•	•	•
S	•	1.0	1.0	•	1.1	•	•	•	•	•	•	•
SSW	1.1	1.0	•	•	1.7	•	•	•	•	•	•	•
SW	•	•	•	•	•	•	•	•	•	•	•	•
WSW	1.1	•	1.0	1.0	•	•	•	•	•	•	•	•
W	•	1.0	•	•	•	•	•	•	•	•	•	•
WNW	•	•	1.1	•	•	•	•	•	•	•	•	•
NW	•	1.0	•	•	•	•	•	•	•	•	•	•
NNW	•	1.0	•	•	•	•	•	•	•	•	•	•
VARBL	•	•	•	•	•	•	•	•	•	•	•	•
CALM	•	•	•	•	•	•	•	•	•	•	•	•

TOTAL NUMBER OF OBSERVATIONS

CENTRAL CLIMATOLOGY BRANCH
 AFMTC
 AIR WEATHER SERVICE/AFMTC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 003405 STATION NAME ELYTHEVILLE AFB AR YEARS 73-92
 CLASS ALL WEATHER
 CONDITION
 MONTH MAY
 1990-2000
 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.2	1.6	1.2								5.7	7.3
NNE	1.7	2.7	3.5	.5								7.4	8.5
NE	2.5	3.0	2.4	.3								6.7	5.2
ENE	1.7	1.5	1.8									4.5	4.7
E	1.6	2.5	1.1	.1								5.6	4.8
ESE	1.7	2.7	.6	.1								4.7	4.7
SE	1.6	3.7	1.4	.5	.1							7.5	5.5
SSE	1.7	5.1	2.5	1.1								7.5	6.1
S	1.7	4.4	4.3	2.5	.5	.2						13.2	6.2
SSW	1.7	3.3	1.5	.6	.8							7.5	7.2
SW	1.2	1.7	1.5	.3	.1							4.7	6.4
WSW	.7	.8	.3	.3	.2							2.4	7.5
W	.5	1.1	.4	.5	.1							2.5	6.1
WNW	.4	.7	1.7	.4								2.7	6.7
NW	.7	.5	.3	.4								1.7	6.4
NNW	.4	.5	1.2	.5								2.7	7.5
VARBL													
CALM												9.3	
	36.1	36.1	23.1	2.6	1.6	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 929

U.S. AIR FORCE CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/AFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 7334-9 PLYTHEVILLE AFB AR STATION NAME 73-82 YEARS MAY NORTH
ALL WEATHER CLASS 100-2000 HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.5	2.3	1.9	.2							2.3	2.2
NNE	1.7	2.7	1.5	.6	.2							3.9	0.5
NE	2.1	2.4	1.3	.3								0.5	4.6
ENE	1.1	1.3	.4									3.7	4.1
E	1.3	1.5	.2	.2								4.2	3.8
ESE	1.1	2.2	.4	.2	.1							4.4	4.0
SE	1.7	2.2	1.3	.4	.1							5.7	5.7
SSE	1.1	1.3	3.2	.4								11.7	2.3
S	1.0	3.2	3.1	1.9	.2							12.4	6.7
SSW	1.7	2.4	1.2	.3	.1							5.7	5.6
SW	.1	1.4	.2	.1								2.4	4.6
WSW	.0	1.2	.4	.1								2.5	5.1
W	.1	.4	.4	.1								1.5	5.4
WNW	.1	.3	.2	.2	.1							1.1	5.3
NW	.4	1.1	.5	.3								2.4	6.5
NNW	.1	1.3	.6	.1	.2							2.2	7.4
VARBL													
CALM												14.3	
	22.7	33.1	17.2	7.4	1.3							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

123456 STATION 0LYTHEVILLE AFB AF 77-8 YEARS DAY MONTH 8LL HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.4	2.7	1.8	.1							1.4	7.6
NNE	1.0	2.2	2.1	1.7	.0							1.5	6.7
NE	1.0	1.0	1.5	.6	.0							0.6	0.0
ENE	1.4	1.7	1.2	.3								4.7	5.5
E	1.0	1.7	1.1	.2								4.5	5.0
ESE	1.1	1.5	.8	.1	.0	.1						3.0	5.5
SE	1.2	2.1	1.5	.4	.1	.0						5.3	6.1
SSE	1.0	3.5	2.6	1.2	.1							2.9	6.6
S	1.0	3.7	4.4	3.3	.5	.1						13.8	6.5
SSW	1.2	2.1	2.6	2.0	.7		.0					8.6	6.8
SW	.0	1.1	1.5	1.1	.0							4.6	6.3
WSW	.0	.0	1.1	.6	.1	.0						3.2	7.5
W	.0	1.0	.8	.5	.1							3.0	7.1
WNW	.4	.5	.6	.3	.0							1.9	7.0
NW	.0	.7	.8	.2	.0							2.2	6.6
NNW	.0	.0	1.1	.3	.1							2.9	7.1
VARBL													
CALM												12.8	
	16.9	28.7	46.3	10.8	2.0	.2	.0					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 7437

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

703408 STATION 01YTHEVILLE AFB A? 77-82 YEARS MONTH 777
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.1	3.1	1.4	.7	.1							2.1	5.5
NNE	1.0	1.7	.6	.2								2.3	5.4
NE	.1	1.4	.2									3.0	5.4
ENE	1.0	.4										2.6	2.8
E	1.2	1.3	.2									2.2	3.6
ESE	.7	.4	.1									1.2	3.6
SE	1.7	1.5	.4		.2							3.9	4.7
SSE	2.1	3.5	1.9	.7								1.9	5.4
S	4.4	.2	3.6	1.1								17.3	5.3
SSW	1.9	4.7	2.5	.7								9.8	5.0
SW	1.7	1.2	.8	.1	.1							3.9	5.3
WSW	.9	.4	.4	.1								2.2	4.8
W	1.7	.4	.2	.1								2.4	3.5
WNW	.7	.3	.2									1.2	4.2
NW	.6	.6	.1									1.8	4.6
NNW	.7	.4	.6	.2								3.0	5.7
VARBL													
CALM												2.6	
	25.0	37.6	15.7	3.9	.4							10.2	3.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 723408 STATION NAME SLYTHEVILLE AFB AR YEARS 73-82 MONTH JULY
CLASS ALL WEATHER HOURS (LST) 2300-2500

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.1	1.9	.4	.1							7.4	4.9
NNE	1.4	.7	.4	.3	.1							3.0	5.1
NE	1.2	1.2	.1									2.6	3.7
ENE	1.2	.6	.1									2.4	3.0
E	.1	.6	.3									3.0	3.3
ESE	.2	.7	.3									1.2	4.7
SE	1.2	1.7	.3	.1								2.7	4.5
SSE	2.6	2.7	1.0	.4	.1							5.5	5.1
S	4.1	8.6	5.0	1.2								19.4	5.6
SSW	2.6	4.5	3.6	.3								10.9	5.5
SW	.4	1.4	.7	.1		.1						2.9	5.2
WSW	1.9	.4	.1									2.4	2.9
W	.5	.6	.2	.1								1.7	4.4
WNW	.2	.2	.1									.9	3.8
NW	.7	.7	.2									1.5	4.1
NNW	.5	1.1	.8									2.7	5.2
VARBL													
CALM												26.6	
	29.7	27.6	15.3	3.1	.3	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 898

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

123456 STATION 01YTHEVILLE AFB AR 73-82 YEARS JUL MONTH
ALL WEATHER CLASS 2600-2600 HOURS (LST)

SPEED (KNT.) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	3.0	3.6	1.0								2.6	4.7
NNE	1.2	1.0	1.6									4.0	5.5
NE	1.0	.9	.7	.1								4.5	4.9
ENE	1.3	1.7	1.0	.1								4.1	5.0
E	2.1	1.3	1.1									5.0	4.4
ESE	.9	.4	.3									1.7	4.2
SE	1.1	2.0	1.2	.2								4.5	5.5
SSE	1.8	2.1	1.1	.6								5.6	5.4
S	1.6	6.1	6.2	1.8	.4	.1						15.2	7.4
SSW	1.7	4.3	5.8	3.3	.2	.1						15.4	3.1
SW	.9	2.1	2.8	1.2	.2							7.2	7.7
WSW	.9	.9	.9	.6								3.2	6.5
W	.4	1.2	.1	.2								2.0	3.4
WNW	.7	.6	.2	.1								1.0	4.5
NW	.4	.7	.2		.1							1.4	5.5
NNW	.4	.7	1.4	.3								2.9	7.0
VARBL													
CALM												12.4	
	10.4	30.1	28.2	7.6	1.0	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 500

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 7234 8 STATION NAME WYTHEVILLE AFB AR YEARS 73-92 MONTH JAN
CLASS ALL WEATHER HOURS 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.6	3.7	1.7	.1							2.4	3.4
NNE	1.0	1.4	1.2	.8	.1							4.5	7.1
NE	.7	1.4	1.2	.2								3.6	6.3
ENE	1.0	2.1	1.2		.1							4.5	5.5
E	1.1	1.6	.8									3.5	4.6
ESE	1.0	1.2	.6	.1								3.7	4.2
SE	.9	.7	1.0	.3								2.2	6.3
SSE	.6	2.1	1.7	.8	.6							5.7	8.1
S	1.2	1.4	2.3	2.0	1.7	.2						9.4	10.1
SSW	.8	2.1	3.6	5.3	1.3							13.1	10.9
SW	.7	1.6	4.0	3.9	.2							13.5	10.0
WSW	1.4	1.4	3.9	2.2								7.3	7.9
W	1.4	1.7	2.3	1.3	.2							7.0	7.6
WNW	.6	1.1	1.2	.3								3.2	6.6
NW	.4	.6	.6	.3	.2							2.1	7.8
NNW	1.1	1.2	1.4	.8				.1				4.7	7.6
VARBL													
CALM												3.9	
	1.0	5.2	33.7	21.0	3.9	.2		.1				10.2	7.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7234.8 ELLYTHEVILLE AFB AF 77-8 MONTH 1960-1960
STATION STATION NAME YEARS MONTHS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	2.7	2.1	.4							7.1	8.7
NNE	1.1	2.3	2.3	1.2	.1							7.1	7.3
NE	.7	1.2	1.1	.6								3.1	5.0
ENE	.1	1.8	1.3	.4								4.3	5.3
E	1.0	2.0	.9	.2								4.3	5.1
ESE	.5	2.0	1.1	.2								5.1	5.7
SE	.6	1.3	1.2	.2								5.3	6.3
SSE	.5	1.6	3.9	1.3	.1							7.7	7.9
S	.7	1.3	3.3	5.1	.7	.1						11.3	10.6
SSW	.1	2.1	3.1	4.4	.9	.1						10.3	10.9
SW	.0	1.3	2.9	3.3	.4		.1					7.7	10.2
WSW	1.0	2.0	3.0	.7	.1							6.5	7.2
W	1.0	1.6	3.0	1.2								6.5	7.5
WNW	.1	.2	1.0	.6								2.1	7.2
NW	.1	.0	1.8	.1								2.8	7.7
NNW	.7	1.2	1.6	.6	.2							5.9	7.9
VARBL													
CALM												3.1	
	10.9	26.1	34.2	22.3	2.0	.2	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

U.S. AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE/HMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

720408 STATION 720408 ELYTHEVILLE AFB AR STATION NAME 73-82 YEARS 1900-2000 MONTH 1900-2000

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	2.7	1.3								7.7	7.2
NNE	1.0	2.2	1.6	.7								2.4	6.3
NE	1.2	2.1	1.7									5.0	5.5
ENE	1.1	1.2	.7	.1								3.4	4.5
E	2.6	1.6	.3									4.4	5.6
ESE	1.8	1.7	1.0		.1							4.8	4.9
SE	1.6	2.9	1.1	.4								5.0	5.3
SSE	1.2	3.6	3.7	1.3								4.8	7.1
S	1.2	3.6	4.7	3.4								12.9	8.3
SSW	2.1	2.0	2.7	1.3	.1							2.4	6.0
SW	1.1	2.1	3.1	.9	.2							7.4	7.4
WSW	1.2	1.6	1.0	.2								4.2	5.3
W	1.4	1.2	.8	.1								3.5	4.7
WNW	.6	1.0	.6	.1								2.2	5.4
NW	.7	.3	.6	.2								1.9	6.3
NNW	.9	1.0	.8	.8								3.4	6.7
VARBL													
CALM												2.3	
	20.0	32.4	27.0	11.0	.4							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

123456 STATION ELLYTHEVILLE AFB AR 77-82 YEARS JUL 82
ALL WEATHER CLASS 0100-2300 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.7	1.0	.7	.1							4.2	2.6
NNE	1.4	1.3	1.0	.1	.1							4.2	5.4
NE	1.1	1.0	.7	.1								4.2	4.6
ENE	1.1	1.1	.3									4.2	3.3
E	1.0	1.2										4.1	3.0
ESE	1.7	1.7	.2									4.1	3.0
SE	2.1	1.4	.2	.7								4.7	5.4
SSE	3.2	3.0	3.1	.6								13.6	1.4
S	1.4	2.2	4.8	1.0		.1						13.6	5.0
SSW	3.7	3.3	2.8	.4								13.6	5.4
SW	1.1	.9	1.2									4.1	3.7
WSW	.9	.9	.2									4.0	4.3
W	.7	1.4	.1									1.7	4.5
WNW	.1	.4	.1									.7	4.5
NW	.5	.6	.1			.1						1.0	6.5
NNW	.1	.1	.6	.3	.1							1.3	7.3
VARBL													
CALM												2.3	
	2.4	29.8	16.8	7.9	.3	.2						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 670

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 123456 STATION NAME ELYTHEVILLE AFB MO YEARS 77-80 MONTH JUNE
CLASS ALL WEATHER HOURS 1-5-1
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.4	2.5	1.2	.1							1.7	0.4
NNE	1.1	1.5	1.3	.6	.1							4.4	0.4
NE	1.2	1.5	.9	.2								3.1	0.3
ENE	1.3	1.4	.7	.1	.7							3.1	0.6
E	1.5	1.7	.5	.1								7.7	0.3
ESE	1.1	1.4	.6	.0	.7							3.1	0.4
SE	1.2	1.5	.8	.3	.7							3.7	0.4
SSE	1.7	2.5	2.3	.8	.1							7.4	0.4
S	2.3	5.1	4.2	2.4	.3	.1						14.4	7.4
SSW	1.7	3.1	3.6	2.6	.5	.1						11.7	6.2
SW	.7	1.7	2.4	1.7	.2	.7						6.2	6.5
WSW	1.2	1.3	1.5	.7	.0							4.7	6.5
W	1.0	1.4	1.0	.5	.7							3.7	6.2
WNW	.7	.7	.5	.2								1.7	6.9
NW	.6	.5	.5	.2	.1	.0						1.3	6.7
NNW	.7	.9	1.2	.4	.7			.7				3.2	7.3
VARBL													
CALM												13.6	
	17.7	23.8	24.4	11.9	1.5	.7	.0	.0				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 7106

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 323408 BLYTHEVILLE AFB AR STATION NAME 77-82 YEARS MONTH JUL

ALL WEATHER

CLASS

0000-2359
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.3	.6	.1	.1							1.1	4.4
NNE	1.1	1.5	.7	.1								3.3	4.6
NE	.4	1.1	.7									1.1	4.1
ENE	1.5	1.2	.3	.1								2.1	3.9
E	1.7	1.2	.2	.2								3.3	3.6
ESE	1.1	.3										1.1	2.5
SE	.4	.3	.2									1.4	3.7
SSE	2.5	3.2	.9	.3								7.9	4.6
S	3.7	6.3	3.3									15.4	4.9
SSW	1.4	6.6	1.8									13.7	4.3
SW	1.7	2.3	.1									4.8	4.1
WSW	1.4	.6	.2									1.3	3.5
W	.4	.5										1.2	3.3
WNW	.4	.1										.6	2.5
NW	.3	.1	.3									.7	2.3
NNW	1.1	1.7	.2	.1								2.9	3.8
VARBL													
CALM												1.4	
	26.7	31.4	9.4	1.0	.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 972

U.S. NAVAL WEATHER SERVICE
 STATION

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: ATLANTIC OCEAN STATION: ATLANTIC OCEAN CLASS: ATLANTIC OCEAN COORDINATE: ATLANTIC OCEAN

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.2	3.9	0.1	0.1								0.1	1.1
NNE	1.1	1.1		0.1								0.1	0.7
N-E	1.1	0.1	0.1									0.1	0.7
ENE	0.2	0.4	0.1									0.1	0.7
E	0.2	1.1	0.1									0.1	0.7
ESE		0.1	0.1	0.1								0.1	0.7
SE	1.1	0.4										0.1	0.7
SSE	0.1	0.1										0.1	0.7
S	0.2	4.1	1.7	0.1								1.1	0.7
SSW	0.1	0.1	0.1	0.1		0.1						0.1	0.7
SW		2.4	0.1			0.1						0.1	0.7
WSW	1.1	0.4	0.1									0.1	0.7
W	1.1	0.1										0.1	0.7
WNW		0.1										0.1	0.7
NW		0.1	0.1									0.1	0.7
NNW		1.1		0.1								0.1	0.7
VARBL												0.1	0.7
CALM												0.1	0.7
	0.7	0.1	2.1	1.1		0.1						0.1	0.7

TOTAL NUMBER OF OBSERVATIONS

U.S. NAVAL WEATHER SERVICE

AD-A131 197

BLYTHEVILLE AFB ARKANSAS REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. JUN 83

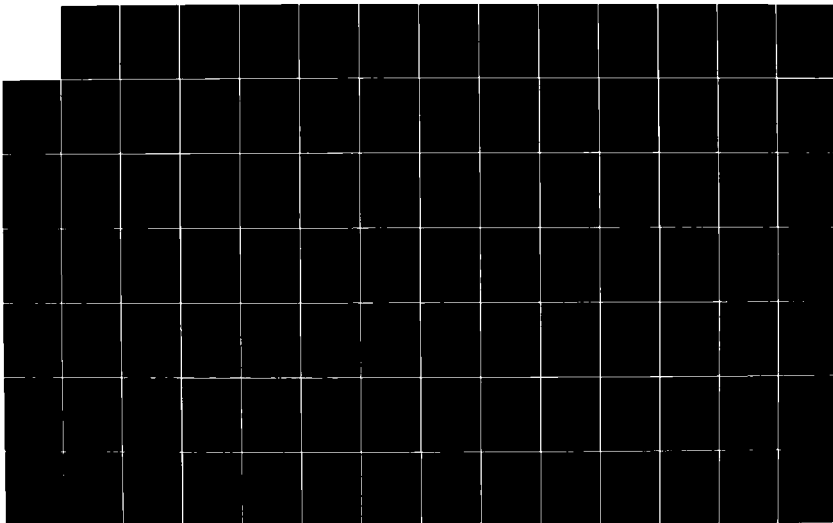
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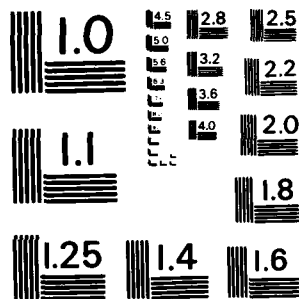
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

JOINT CLIMATE CENTER
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 027402 BLYTHEVILLE AFB AR 77-82 YEARS JUL MONTH
CLASS ALL WEATHER 2400-0800 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.7	1.2	.2								7.1	4.9
NNE	1.3	2.6	1.4	.2	.1							3.6	5.9
NE	1.2	1.7	1.0	.1								4.1	2.2
ENE		1.4	.3	.3								2.3	5.4
E	1.5	1.7	.6	.2								4.2	4.6
ESE	1.7	.6	.4									2.2	3.7
SE	1.7	1.5	.2									2.4	3.8
SSE	1.2	2.7	.8	.1								4.3	5.8
S	2.7	5.8	3.5	.4								11.1	5.6
SSW	3.2	.4	5.1	.5								17.2	5.6
SW	1.2	4.1	1.4	.3								9.8	5.5
WSW	1.2	2.3	1.0									4.4	4.7
W	1.3	1.6		.1								3.0	3.3
WNW	.4	1.2	.2									1.8	4.5
NW	.2	.5	.4	.1								1.4	6.5
NNW	.1	.5	.3	.2								1.7	5.2
VARBL													
CALM												17.5	
	21.6	40.7	17.8	2.9	.1							10.2	4.3

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
AFETAC
ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7234-6 STATION DLYTHEVILLE AFB A 77-82 YEARS JUL MONTH
ALL WEATHER CLASS 1000-1100 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.3	2.2	.6	.1							3.3	2.6
NNE	1.2	2.3	2.6	.8								9.7	6.6
NE	.7	1.1	2.3	.4								4.5	7.1
ENE	.6	2.3	1.4	.3								4.3	6.2
E	.9	1.0	1.1	.5								3.4	7.6
ESE	1.6	.5	1.5									3.1	4.4
SE	.6	1.3	.6	.1								2.9	5.0
SSE	1.4	1.2	1.6	.1								4.3	5.6
S	1.4	4.9	3.2	.2								4.8	5.8
SSW	1.1	4.2	5.3	1.1								12.0	6.9
SW	1.0	4.7	3.2	.6								7.6	6.2
WSW	1.0	4.7	2.2	.4								3.2	5.9
W	1.4	4.2	1.5	.1								7.2	5.2
WNW	.1	1.9	.9	.2								3.1	5.5
NW	.5	.2	.5									1.8	4.7
NNW	.6	1.1	.6									2.4	4.3
VARBL													
CALM												3.7	
	17.3	39.2	30.1	5.6	.1							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

77-82 STATION NAME ALL WEATHER CLASS MONTH 1977-1982 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.4	1.7	.2								2.4	5.8
NNE	.7	2.7	3.3	.9	.2							7.5	7.8
NE	.7	1.5	2.4	.6								5.3	7.1
ENE	.8	2.2	1.4	.8								4.9	6.5
E	.7	1.9	1.5	.5								4.7	6.5
ESE	.8	1.3	1.7	.2								3.2	5.5
SE	1.0	1.4	.9	.4								2.7	5.7
SSE	1.4	2.5	2.2	.8								5.5	6.4
S	1.0	2.3	4.9	1.3								10.0	7.3
SSW	1.1	3.5	4.5	.5								7.7	6.6
SW	.7	2.5	3.7	.6								7.3	7.1
WSW	1.1	3.1	2.8	.8								5.5	6.4
W	1.2	3.3	2.2	.4								7.1	6.5
WNW	1.2	1.2	1.2									3.7	5.1
NW	.5	.9	.8	.1								2.4	5.6
NNW	.5	1.0	1.6									3.1	6.5
VARBL													
CALM												7.3	
	14.0	34.1	35.3	9.2	.2							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 77

SEAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723458 STATION ELYTHEVILLE AFB AR 73-82 YEARS MONTH JUL
STATION NAME CLASS ALL WEATHER HOURS (L & T) 1500-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.0	1.8	.6								5.4	6.4
NNE	.4	1.7	2.2	.6								4.0	7.2
NE	.5	2.0	3.4	.9								7.7	7.2
ENE	1.0	1.5	1.4	.3								4.5	6.9
E	1.0	2.0	2.3	.6								2.5	6.5
ESE	1.0	1.0	1.9	.3								2.2	6.1
SE	.0	1.0	1.0	.3								3.3	5.2
SSE	.0	3.0	2.9	.6								7.3	6.2
S	1.0	3.2	4.7	1.5	.1							10.2	7.4
SSW	.0	2.0	3.9	1.5								6.3	7.7
SW	1.0	2.3	4.3	.5								6.6	6.7
WSW	1.0	3.9	3.4	.3								6.4	6.0
W	.4	2.0	2.3	.5								2.7	7.0
WNW	.1	1.0	1.3									2.4	6.5
NW	.0	.0	.9	.1								1.3	6.4
NNW	.0	1.4	.0	.3								1.3	6.1
VARBL													
CALM												4.0	
	10.7	34.3	38.4	9.2	.1							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 270

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

723408 STATION 01YTHEVILLE AFB AF 77-84 YEARS Jul MONTH 1900-2000 HOURS (LST)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.6	.8		.1		.1					3.7	3.5
NNE	1.8	2.7	1.1	.3	.1							4.2	3.5
NE	1.2	2.7	1.1	.3								4.2	3.5
ENE	1.7	2.7	.6	.1								4.5	4.4
E	3.6	2.7	1.1	.2								7.7	4.1
ESE	2.6	2.4	.5				.1					4.5	4.7
SE	2.7	2.9	1.7	.1								5.7	4.4
SSE	1.7	4.2	1.5	.5								8.6	3.6
S	.3	3.1	3.7	.5								12.6	3.8
SSW	1.2	4.4	1.5	.2								7.1	3.5
SW	1.3	3.4	1.2	.2								8.9	4.7
WSW	1.8	1.6	.9	.1	.1							4.2	3.3
W	1.2	1.5	.1	.1								2.7	4.8
WNW	.9	.5	.2									1.7	3.0
NW	.4	.5	.6	.1								1.4	3.1
NNW	.5	.4	.4	.1								1.4	3.6
VARBL													
CALM												14.3	
	27.3	34.8	16.0	3.0	.3		.2					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 970

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 723409 STATION NAME BLYTHEVILLE AFB AR YEARS 77-82 MONTH JUL
CLASS ALL WEATHER HOURS (LST) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.5	1.2	.3	.0		.0					3.7	3.4
NNE	1.1	2.5	1.5	.4	.1							3.1	3.1
NE	1.2	1.7	1.4	.3								4.5	5.8
ENE	1.2	1.5	.8	.3								3.9	5.1
E	1.7	1.5	.9	.3								4.5	5.1
ESE	1.0	1.3	.6	.1			.0					3.3	4.6
SE	1.4	1.5	.5	.1								3.7	4.5
SSE	1.7	3.0	1.4	.3								3.4	5.4
S	2.4	5.6	3.5	.5	.0							13.3	5.6
SSW	2.6	5.2	3.3	.5		.0						11.7	5.6
SW	1.0	3.1	1.8	.3		.0						6.3	5.5
WSW	1.4	2.1	1.3	.2	.0							5.3	5.5
W	1.0	1.0	.8	.2								3.2	5.2
WNW	.7	.9	.5	.0								2.3	4.9
NW	.4	.5	.5	.1								1.4	5.5
NNW	.5	.9	.5	.1								.1	5.3
VARBL													
CALM												17.4	
	22.4	35.1	20.4	4.0	.1	.0	.0					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 7440

U.S. AIR FORCE
 CLIMATE BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

123456 STATION NAME: ELYTHEVILLE AFB AR YEARS: 77-82 MONTH: JUNE
 CLASS: ALL WEATHER HOURS (LST): 0000-2000
 CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	5.0	1.5									4.5	4.7
NNE	2.3	1.5	1.1									4.5	4.1
NE	1.0	0.5										3.2	2.8
ENE	1.1	1.0	.1									2.2	3.5
E	1.3		.3	.2								2.6	4.3
ESE	1.0	.4										2.2	2.4
SE	1.0	1.3	.2									2.9	3.9
SSE	.2	4.7	.5									5.5	4.8
S	.0	7.7	2.7	.3								13.0	4.6
SSW	.0	2.7	2.2	.1								7.5	5.1
SW	1.2	.3	.1	.1	.1							1.8	4.0
WSW	1.0	.1	.1									1.2	2.0
W	.1	.3										.4	3.3
WNW	.1	.1	.2									.4	6.5
NW	.1	.3	.1	.2								.6	7.1
NNW	.0	1.1	.3									1.2	4.4
VARBL													
CALM												84.5	
	27.1	27.8	9.8	1.0	.1							100.2	2.4

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/FAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

123456 73-82 73-82
STATION STATION NAME YEARS MONTH
ALL WEATHERED
CLASS
CONDITION
100-2500
HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	6.6	3.0									12.2	4.6
NNE	1.4	2.4	.9									4.6	4.6
NE	.6	.4										2.0	3.0
ENE	1.1	.2	.1									1.3	2.4
E	.2	.6	.1	.2								2.0	2.3
ESE	1.3	.4										1.4	3.3
SE	1.3	1.4	.1									3.0	3.0
SSE	1.3	3.3	.6									4.6	4.6
S	.4	3.2	3.2	.3								10.2	4.6
SSW	2.7	3.4	1.6	.2								7.8	4.9
SW	.2	1.2	.2									1.4	4.1
WSW	.1	.2										1.0	2.4
W	.1	.2										.9	3.3
WNW		.1										.1	3.0
NW	.1	.2	.1	.1								.6	4.6
NNW	.2	1.5	.1									1.9	4.7
VARBL													
CALM												2.4	
	24.5	31.1	10.0	.9								10.2	2.9

TOTAL NUMBER OF OBSERVATIONS 100

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR FATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7234 JP STATION 72-82 YEARS MONTH 1960-1960
STATION NAME ALL WEATHER CLASS HOURS (LST) 1
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	5.3	4.0	.4								11.4	5.4
NNE	1.7	3.2	1.0	.1								7.2	5.3
NE	.7	1.7	.8									3.2	4.4
ENE	1.5	1.3	.6									3.4	4.0
E	2.5	.6	.1	.1								3.3	3.0
ESE	1.1	.6	.2	.1								2.0	4.1
SE	1.7	1.9										3.6	3.6
SSE	1.6	4.3	1.3	.1								7.0	5.1
S	1.2	7.7	6.6	.9								18.4	6.2
SSW	1.0	5.0	5.5	.2								13.5	.1
SW	.4	1.3	.9	.1								3.2	5.6
WSW	.2	.9	.3	.1								1.8	5.2
W	.4	.2										.9	2.9
WNW	.2	.4	.4	.1								1.4	5.2
NW	.5	.1	.1									.2	3.5
NNW	.3	.5	.1									1.3	4.4
VARBL													
CALM												17.5	
	21.0	36.6	22.2	2.3								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

723469 STATION 01YTHEVILL AFB AP STATION NAME 73-82 YEARS 800 NORTH
ALL WEATHER CLASS 2000-1100 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.3	3.4	1.4								7.2	6.0
NNE	1.4	2.5	3.0	.8								5.5	6.7
NE	1.1	1.4	1.5	.3								4.4	5.7
ENE	.1	2.4	.9	.1								4.0	5.5
E	.9	1.1	.8									2.5	4.8
ESE	1.7	1.1	.3									2.5	3.8
SE	1.4	.3	.9	.1								3.1	5.0
SSE	1.4	2.3	.6	.4								4.7	5.3
S	1.1	5.1	6.9	2.4								15.6	7.4
SSW	2.3	4.1	8.8	2.3	.2							15.4	7.6
SW	1.2	3.5	3.3	.8								5.8	6.4
WSW	1.2	2.4	1.3	.1								4.9	5.2
W	1.7	1.4	.9									3.5	5.0
WNW	.5	.4	.4									1.4	5.2
NW	.5	.5	.5									1.9	4.7
NNW	.5	.5	.1	.2								1.5	5.1
VARBL													
CALM												6.3	
	17.5	32.6	34.5	9.8	.2							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 470

USAF CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

123408 STATION 123408 STATION NAME ALL-WEATHER CLASS 73-82 YEARS 1200-1400 MONTH 1200-1400 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	3.0	2.5								3.4	3.0
NNE	1.0	2.3	3.5	1.5								2.0	7.5
NE	1.4	2.0	2.6	.3								7.2	3.2
ENE	1.4	1.7	1.2	.2								4.5	5.6
E	1.3	1.0	.6									2.9	4.6
ESE	1.0	1.4	.2	.1								2.7	4.5
SE	1.0	1.0	.5	.1								2.2	4.6
SSE	1.1	1.0	1.3	.4								4.7	5.3
S	1.4	3.0	5.9	2.3								13.4	7.6
SSW	1.0	3.0	7.8	3.2								15.9	6.0
SW	1.2	2.7	3.3	.6								5.0	6.7
WSW	.6	2.2	1.1	.6								4.5	6.5
W	1.0	2.0	1.9									4.9	5.6
WNW	.0	1.2	1.0									2.9	5.3
NW	.4	.7	.5									1.3	5.1
NNW	.0	.0	.5									1.5	5.3
VARBL													
CALM												3.1	
	17.4	31.2	35.5	12.0								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 570

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE / MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 123419 SLYTHEVILLE AFB AL 77-82 YEARS 6 MONTHS
STATION NAME CLASS ALL WEATHER 1800-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.7	2.2	2.4	.1							1.2	2.6
NNE	1.2	2.5	4.3	2.2								1.5	7.9
NE	.7	2.6	2.3	.6								6.1	6.7
ENE	1.1	3.5	1.3									5.2	5.7
E	.2	4.2	1.2									5.9	5.1
ESE	.7	1.1	1.5	.4								4.2	6.6
SE	.4	1.7	1.6									3.3	6.2
SSE	1.7	2.7	2.3	.2								7.5	6.4
S	1.7	3.2	3.3	5.1								12.5	6.6
SSW	1.1	3.1	5.4	2.6	.1							12.2	7.9
SW	1.2	2.2	1.9	.5								6.6	6.4
WSW	1.7	1.7	.4		.1							3.1	5.7
W	.9	1.2	.9	.2								3.1	5.7
WNW	.7	.6	.9	.3								2.2	7.1
NW	.2	.6	.6	.2								7.2	6.7
NNW	.2	.7	.4	.1								1.1	6.6
VARBL													
CALM												3.5	
	12.2	32.4	30.1	14.7	.3							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 123456 STATION NAME WYTHEVILLE AFB AR YEARS 77-82 MONTH AUG
CLASS ALL WEATHER 1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.1	2.4	.9								7.4	5.2
NNE	1.1	5.7	2.4	.6	.1							7.9	6.2
NE	1.1	2.4	.8									6.2	3.6
ENE	1.1	1.5	.1									4.4	3.1
E	3.1	1.7	.3	.1								5.7	2.3
ESE	1.1	1.7	.3	.1								2.2	2.6
SE	.2	3.1	1.2	.2								6.7	4.8
SSE	1.4	5.1	2.2									6.5	5.3
S	2.2	7.6	5.7	1.1								15.6	6.4
SSW	.2	4.7	1.7	.1								6.6	5.2
SW	1.2	.9	.2	.1								2.2	4.2
WSW	.6	.6	.1									1.6	2.6
W	.5	.3	.2	.1								1.2	4.6
WNW	.3	.6	.3	.1								1.4	5.5
NW	.7	.4		.1								.9	2.3
NNW	.1	.2	.2									.5	5.5
VARBL													
CALM												1.6	
	24.7	30.2	15.0	3.4	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 530

U. S. AIR FORCE CLIMATOLOGY BRANCH
 AFMTCAC
 AIR WEATHER SERVICE/AFM

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 123456 STATION NAME LYTLEVILLE AFB AR YEARS 72-9 MONTH ALL
 CLASS ALL WEATHER HOURS (L & T) 100-2400
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	5.1	1.1	.2								2.1	4.2
NNE	1.1	2.4	.9	.3								2.3	5.1
NE	1.1	1.1	.2	.1								2.2	4.4
ENE	2.7	.6	.3									2.7	3.2
E	1.1	1.7	.3									4.8	3.3
ESE	2.4	1.4	.2	.1								4.1	3.7
SE	1.7	3.4	.1									3.3	3.4
SSE	2.7	4.7	1.4									3.3	4.6
S	4.8	7.6	4.2	.6								17.1	5.2
SSW	2.1	2.7	1.1	.2								7.2	4.5
SW	1.2	.1	.1									1.4	3.2
WSW	1.1	.5	.1									1.7	3.3
W	.1	.1	.1									.4	3.4
WNW	.1	.1	.1									.3	4.5
NW	.1	.1	.1	.1								.3	6.6
NNW	.1	1.1	.1	.1								1.5	6.2
VARBL													
CALM												2.6	
	27.7	34.5	10.7	1.0								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 630

U.S. AIR FORCE
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 123456 STATION NAME GLYTHEVILLE AFB AR YEARS 73-84
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.9	2.7	1.0	.2							1.2	4.4
NNE	1.7	2.9	2.4	.7	.2							7.4	6.7
NE	1.3	1.5	1.7	.2								4.3	5.2
ENE	1.7	1.5	.6	.2								1.1	4.3
E	1.0	1.5	.5	.1								4.0	5.4
ESE	1.7	1.5	.3	.1								2.2	4.7
SE	1.7	1.5	.6	.1								2.2	4.4
SSE	1.7	3.5	1.2	.1								2.5	2.2
S	.1	6.4	5.4	1.6								10.6	6.3
SSW	.3	3.7	4.2	1.1	.2							11.4	6.6
SW	1.0	1.6	1.3	.3	.2							4.2	5.9
WSW	1.0	1.1	.4	.1	.2							4.3	4.2
W	.7	.7	.5	.2								2.0	2.0
WNW	.7	.5	.4	.1								1.3	5.0
NW	.4	.4	.3	.1								1.1	5.5
NNW	.4	.2	.2	.1								1.4	5.1
VARBL													
CALM												17.0	
	21.0	33.1	2.1	5.6	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 744

GENERAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

122400 ELYTHEVILLE AFB A- 77-2- SLE
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	7.1	1.0	.7	.1							14.0	4.2
NNE	.7	2.7	1.1	.2								7.7	4.4
NE	1.0	.0	.3									1.3	4.6
ENE	1.2	.0	.1									1.3	3.0
E	.1	1.2										1.3	2.6
ESE	.0	1.0	.3									1.3	4.6
SE	.0	.0	.3									1.3	3.0
SSE	.3	1.0	1.0									2.3	4.4
S	.0	4.0	2.6	.3								6.9	5.0
SSW	1.0	1.0	1.3									3.3	4.9
SW	.0	.1										.1	2.4
WSW	.4	.4										.8	2.4
W	.0	.0	.1									.1	2.0
WNW	.0	.0	.2									.2	4.6
NW	.1	1.2	.7									1.9	5.0
NNW	.0	1.0	1.2		.1							2.3	6.1
VARBL													
CALM												7.4	
	21.2	25.2	11.3	1.6	.2							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 400

UNITED STATES AIR FORCE
 AIR FORCE WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1234-5 PLYTHEVILLE AFB AR 77-82 YEARS 524 MONTH
 CLASS ALL-FAITHED HOURS (LST) 200-2000
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	6.1	2.0	1.3								12.7	3.0
NNE	2.3	1.7	1.0									2.0	4.2
NE	2.3	2.3	2.1	.4	.1							1.0	7.2
ENE	1.0	2.7	2.2									2.0	2.5
E	2.0	2.0	2.4									2.2	2.5
ESE	2.4	2.7	2.2									1.4	4.2
SE	2.0	1.6	2.7									2.0	4.7
SSE	1.0	2.7	2.8	.1								2.3	4.6
S	1.0	3.7	1.5	.4								7.7	2.6
SSW	1.0	2.7	2.3	.1								4.0	4.4
SW	2.7	2.4	2.2									1.0	4.2
WSW	2.7	2.2										2.5	2.5
W	2.7	2.4										2.0	2.7
WNW		2.4										2.4	4.5
NW	2.4	2.5	2.7									1.7	5.4
NNW	1.1	2.0	2.4	.1								2.7	4.0
VARBL													
CALM												7.3	
	2.2	26.6	10.2	2.6	.1							12.2	2.9

TOTAL NUMBER OF OBSERVATIONS 899

U.S. AIR FORCE
 CLIMATE DIVISION
 WASHINGTON, D.C. 20330-5100

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 120400 SLVTHEVILL AFB AT STATION NAME 72-52 YEARS MONTH 01-01-00
 CLASS ALL WEATHER HOURS (L & T) 512-0000

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	6.3	4.7	2.4								1.2	4.4
NNE	1.0	7.0	1.7	1.0								7.7	5.3
NE	1.0	1.0	1.2									4.3	4.7
ENE	1.4	1.1	.7	.1								1.3	4.4
E	1.1	1.2	.2									4.5	3.0
ESE	1.0	1.1	.4									1.3	3.8
SE	1.0	1.1	.7	.3								1.4	5.2
SSE	1.7	1.0	1.1	.1								4.0	5.0
S	1.0	4.0	4.1	.4								11.5	6.2
SSW	.0	2.3	1.9	.2								1.2	6.2
SW	1.4	.3										1.0	2.8
WSW	.0	.0										.0	2.6
W	.0	.7										1.0	3.7
WNW	.0	.7	.1									1.7	3.6
NW	.4	.4	.2									1.2	4.0
NNW	.0	1.9	1.1	.3								3.4	6.2
VARBL													
CALM												23.9	
	23.9	28.8	18.1	5.3								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 900

NAVAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 134-8 STATION NAME PLYTHEWILLS AFB TX YEARS 73-6 MONTH 6
CLASS ALL WEATHER HOURS (LST) 000-1200
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	7.7	4.7	4.7	.1	.1						14.3	5.4
NNE	1.2	2.7	4.4	7.1								11.1	5.1
NE	1.1	2.0	2.0	.9								5.4	5.2
ENE	1.1	1.0	1.8	.6								3.2	5.3
E	1.0	2.4	1.0	.1								4.2	5.2
ESE	1.0	1.0	.3	.4								2.7	5.2
SE	.9	1.7	.0	.4	.1							4.1	5.1
SSE	1.1	1.0	1.0	.6								7.2	6.1
S	1.0	4.2	4.4	2.6								17.2	7.5
SSW	1.0	2.0	4.4	7.2								12.7	7.6
SW	1.0	1.7	.9	.4								4.6	2.8
WSW	1.4	.0	.2	.1								2.7	4.2
W	1.3	.0	.1									2.2	3.2
WNW	.7	.9	.2									1.6	4.3
NW	.0	.6	.1	.1								1.1	4.7
NNW	.0	1.0	.6	.3								2.2	6.1
VARBL												.1	
CALM													
	1.6	50.7	7.9	15.2	.2	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL CLIMATOLOGY BRANCH
 AFMFLTAC
 AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 123456 STATION NAME CUMTREVILLE AFB AF YEARS 72-80
 CLASS ALL WEATHER
 CONDITION
 MONTH SEP
 1000-1400
 HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.3	5.6	4.7	.3	.1						14.5	7.0
NNE	1.7	3.7	5.2	2.3								12.7	7.8
NE	.7	2.7	3.6	.6								2.7	5.8
ENE	3.1	2.7	1.2	.2								3.1	5.4
E	1.2	2.6	.6									1.2	4.8
ESE	.7	2.1	.9	.4								4.2	6.2
SE	.4	1.2	1.7		.2							3.8	7.3
SSE	.6	1.3	.9	.7								3.7	6.5
S	1.2	3.6	3.6	2.4								10.5	7.6
SSW	1.2	3.7	3.1	2.7								13.4	7.5
SW	.6	1.6	1.9	1.6								6.2	7.5
WSW	.7	.6	.9									2.1	5.4
W	.1	.7	.2									1.9	4.1
WNW	.6	1.1	.2									1.8	4.9
NW	.7	1.1	.4	.1								2.4	5.7
NNW	1.2	1.7	1.4	.7	.1							4.5	7.3
VARBL													
CALM												4.0	
	14.7	34.1	31.4	15.1	.7	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 970

U.S. AIR FORCE CLIMATE CENTER
 AFM 7-10.1
 WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 127444 ELYTHEVILLE AFB AR STATION NAME 72-82 YEARS 5 NORTH
 CLASS ALL WEATHER HOURS (LST) 1500-1700
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	4.4	5.4	2.7	.2							14.3	7.2
NNE	1.1	3.3	4.6	2.3								12.4	7.3
NE	1.1	2.2	2.4	.9								3.2	9.1
ENE	2.2	3.3	1.7									7.7	4.7
E	1.1	2.7	1.2									5.7	4.7
ESE	.7	2.6	.7	.4								4.6	4.6
SE	.7	2.2	.3	.2								3.3	5.1
SSE	1.1	1.7	2.2	.6								3.3	6.2
S	.7	3.3	4.0	1.6								10.3	7.7
SSW	1.1	1.7	2.2	1.7								3.6	7.2
SW	.7	1.4	1.2	.6								3.4	7.4
WSW	.7	.6	.8									1.8	5.2
W	1.1	.7	.2									1.0	3.8
WNW	.7	.2	.4									.4	5.3
NW	.7	.4	.4	.3								1.1	5.0
NNW	1.1	1.2	1.3	1.2	.2							3.1	6.3
VARBL													
CALM													
	17.2	34.7	33.4	11.7	.4							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 170

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 123456 STATION NAME DLYTHEVILLE AFB AR YEARS 77-82 MONTH SEP
CLASS ALL WEATHERED HOURS 1400-2100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	6.7	1.2	.0	.1							11.1	2.1
NNE	.4	5.7	2.4									13.5	4.4
NE	.7	2.2	.7	.1								6.4	3.6
ENE	.1	1.1	.3	.2								3.5	3.9
E	3.3	1.6	.1									4.4	2.9
ESE	.7	1.6										4.5	2.0
SE	.1	1.7	.3	.1								4.2	4.0
SSE	3.2	2.9	.3	.6								7.0	4.5
S	.1	4.1	2.4	.4	.2							9.3	5.6
SSW	.7	1.1	.2	.1								1.5	3.2
SW	1.2	.4	.1									1.5	3.3
WSW	.2	.2										.4	3.0
W	.7	.3	.1									.5	4.3
WNW	.3	.4	.2	.1								1.1	4.0
NW		.4	.4	.1								1.0	0.7
NNW	.7	1.3	.7	1.7	.1							3.1	3.1
VARBL													
CALM												73.7	
	31.0	31.6	2.0	7.6	.4							174.0	3.5

TOTAL NUMBER OF OBSERVATIONS 400

JOINT MILITARY CLIMATOLOGY RESEARCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 123456 STATION NAME WYTHEVILLE AFB AR YEARS 72-82
 CLASS ALL WEATHER
 HOURS (L.S.T.) 100-0000
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	7.3	.7	1.0								12.2	4.3
NNE	2.4	4.2	1.1	.3								9.7	4.3
NE	.1	1.4	.4	.3								4.2	4.2
ENE	.1	.3	.1	.1								3.1	3.5
E	3.7	1.0										2.4	3.2
ESE	1.2	1.0	.2									3.0	3.3
SE	1.3	.0	.7									2.2	4.2
SSE	2.4	3.7	.0									1.2	4.3
S	.1	2.4	2.6	.6								7.7	5.7
SSW	1.0	1.7	.7									3.0	4.3
SW	.0	.6										1.1	3.4
WSW	.8	.2										.7	2.3
W	.7	.2	.1	.1								1.1	4.4
WNW	.1	.4	.1									.7	4.3
NW	.1	.2	.4		.1	.1						1.0	4.2
NNW	.0	1.3	1.7	.2								1.4	7.3
VARBL													
CALM												34.1	
	2.4	28.7	8.9	2.7	.1	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

123456 STATION NAME 73-82 YEAR MONTH
ALL WEATHER CLASS ALL HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	5.5	3.7	2.0	.1	.0						14.9	8.4
NNE	2.7	3.5	2.7	1.2								10.0	6.0
NE	1.0	1.8	1.3	.4	.							5.4	3.5
ENE	1.7	1.5	.8	.2								4.0	4.7
E	2.0	1.8	.5	.0								4.0	3.5
ESE	1.7	1.6	.4	.2								3.4	4.7
SE	1.1	1.4	.6	.2	.							3.3	3.2
SSE	1.0	2.2	1.0	.3								3.2	3.1
S	1.7	3.7	3.3	1.1	.							8.8	6.6
SSW	1.1	2.2	1.0	.8								5.9	6.5
SW	.0	.3	.6	.3								2.4	3.7
WSW	.0	.4	.3	.0								1.3	4.2
W	.7	.5	.1	.0								1.3	2.0
WNW	.4	.5	.2	.0								1.2	4.5
NW	.7	.7	.4	.1	.	.0						1.0	5.9
NNW	.8	1.5	1.0	.5	.1							3.0	6.4
VARBL													
CALM												1.7	
	22.3	20.9	13.4	7.3	.3	.0						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 7199

U.S. AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12348 PLYTHEVILLE AFB AR STATION NAME 72-82 YEARS 017 MONTH 000-0000 HOURS (L.S.T.)
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	5.1	3.4	1.9								18.1	6.5
NNE		1.2	.5									2.7	4.8
NE	1.1	.5	.3									1.9	3.2
ENE	1.1	.3	.2									1.6	3.4
E	2.2	.5	.3									2.2	3.3
ESE	1.2	.4										1.6	2.6
SE		1.4	.5	.4								2.4	2.9
SSE	1.1	4.4	2.3	1.5								11.2	5.8
S	1.3	4.1	1.7	.6								9.8	5.7
SSW	2.3	3.7	1.9	.4								9.4	5.3
SW	.1											.9	4.4
WSW		.1										.5	2.7
W	1.7	.5	.1	.3								2.6	4.2
WNW	1.3	1.3	.6	.1								3.3	5.0
NW	1.7	1.7	.4	.3								3.2	5.2
NNW	1.7	.5	1.6	.3								3.7	6.3
VARBL													
CALM												2.4	
	23.1	26.6	14.2	.9								10.8	2.7

TOTAL NUMBER OF OBSERVATIONS 670

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7234-3 STATION ELYTHSVILLE AFB AR 77-82 YEARS
ALL WEATHER CLASS
1907-1999 MONTHS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	WIND SPEED
N	3.2	7.7	4.2	1.7	.1							1.2	4.7
NNE	1.2	.7	.5	.5								.8	5.0
NE	1.2	.5										.4	5.1
ENE	.7	.1										.1	2.3
E	1.4	.7	.2									.4	3.2
ESE	1.2	.7	.2									.3	3.6
SE	3.2	1.5	.5	.3	.1							.3	5.7
SSE	2.9	3.7	2.5	.5	.1							.9	5.7
S	2.5	4.5	2.7	1.3	.1							1.1	6.0
SSW	4.2	3.2	.7	.3								.3	4.7
SW	.7	.1	.1									.0	4.2
WSW	.7	.2	.1									.9	3.6
W	1.7	1.2	.2	.1								.2	3.2
WNW	1.1	1.5	.3	.1								.0	4.4
NW	.7	.5	.9	.1								.2	5.6
NNW	.4	1.4	.6	.3								.5	6.4
VARBL													
CALM												29.4	
	23.4	27.7	17.5	5.5	.4							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 970

U.S. AIR FORCE
 AIR FORCE CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ELYTHEVILLE AFB AR STATION NAME 72-82 YEARS 1960-1969
 CLASS ALL WEATHER HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	5.2	5.6	7.9	.2							18.8	7.5
NNE	1.1	1.4	.6	.6								4.2	5.6
NE	1.1	.2	.2	.1								1.4	4.2
ENE	1.1	.2	.2									1.4	3.5
E	1.1	.2	.2									1.4	3.5
ESE	1.1	1.1	.2	.2								2.2	4.6
SE	1.1	2.3	1.1	.1								4.7	5.2
SSE	.3	4.2	2.3	1.1								11.2	2.2
S	.6	4.6	2.3	7.1	.3							17.1	7.1
SSW	1.1	2.3	1.0	.4								2.2	2.2
SW	.2	1.7	.2	.2	.1							2.2	2.2
WSW	.2	.2	.2									1.2	2.2
W	1.1	1.1	1.1									4.5	4.5
WNW	.2	1.1	.2	.3								2.2	5.2
NW	1.1	.2	.2									2.7	4.5
NNW	.2	1.4	1.4	.2								3.3	4.5
VARBL													
CALM												2.4	
	1.2	27.2	13.5	9.4	.5							17.7	4.5

TOTAL NUMBER OF OBSERVATIONS 72

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 103404 MTHEVILL AFB AT 73-54 YEARS 047 NORTH
CLASS ALL WEATHER 73-1100 HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.	3.7	5.6	.6							1.0	10.2
NNE	.7	1.7	2.8	1.7	.1							.9	8.5
NE	.4	1.2	.9	.2								.4	8.6
ENE	1.1	1.7	1.3	.1								4.5	5.5
E	.1	1.5	1.3	.1								.2	8.2
ESE	.1	.6	.6	.2								1.0	6.2
SE	.1	1.3	1.2	.3	.1							.3	6.2
SSE	1.1	2.1	3.0	2.0	.2							.2	8.7
S	1.7	4.1	5.6	4.8	.5	.1						18.1	8.7
SSW	.1	1.1	4.5	3.3		.1						10.5	9.0
SW	.1	1.3	2.6	.8	.3							6.2	8.2
WSW	.1	.1	1.4	.2								2.5	7.2
W	.1	1.2	1.2	.5								3.5	5.7
WNW	.4	.3	1.3	1.0								3.2	5.6
NW	.1	.3	1.4	.3								3.4	7.8
NNW	.1	1.3	1.4	1.4								4.4	5.3
VARBL													
CALM												4.7	
	.3	25.1	34.3	24.0	1.0	.2						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

1. J. L. CLIMATELOGY BRANCH
 2. AFETAC
 3. WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 123456 STATION NAME WYTHEVILLE AFB AC YEARS 73-80 MONTH NORTH
 CLASS ALL WEATHER
 HOURS 1000-1400

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	N	MEAN WIND SPEED
N	1.0	1.0	4.5	4.9	1.0							1.0	1.0
NNE	.1	1.0	2.0	1.0	.1							.5	.1
NE	.1	1.1	.9	.4								.7	.1
ENE	.1	1.7	.6									.1	.1
E	.1	.6	.3									1.7	.1
ESE	.1	1.4	.0	.1								.1	.1
SE	.1	1.1	1.0	.4		.1						.2	.1
SSE	1.1	1.0	2.0	1.3	.1							.1	.1
S	1.2	3.0	4.5	4.9	1.2	.1						.1	.1
SSW	.3	1.0	4.3	4.0	.6	.3						.1	.1
SW	.1	1.2	2.3	1.1	.1							.1	.1
WSW	.1	1.7	1.9	.6	.1							.1	.1
W	.4	2.0	1.0	1.2	.1	.1						.1	.1
WNW	.4	1.3	1.1	.8								.1	.1
NW	.1	1.2	1.7	1.1	.2							.1	.1
NNW	.1	1.1	2.0	1.5	.1							.1	.1
VARBL													
CALM													
	11.0	24.5	32.0	2.3	2.7	.1						1.0	.1

TOTAL NUMBER OF OBSERVATIONS 130

AFM AL CLINATOLOGY BRANCH
METAC
ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12545 STATION NAME ELYTHEVILL AFB AR YEARS 77-82 MONTH OCT
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.0	4.0	4.2	.7							1.07	6.1
NNE	1.3	2.0	2.7	1.7								.7	7.5
NE	1.3	1.0	.6									.0	4.7
ENE	1.1	.5	.4									.0	3.0
E	1.0	.0	.4									.0	4.4
ESE	1.0	1.7	.0	.1								.0	4.5
SE	1.4	1.0	.7	.1	.1							.0	2.6
SSE	1.0	2.2	2.8	1.0								.0	7.4
S	1.0	4.4	4.0	4.1	.5							14.0	7.7
SSW	1.1	1.0	2.7	2.2	.1	.1						.0	2.5
SW	1.4	.0	1.0	.4	.1							.0	6.1
WSW	1.4	1.7	1.5	.7	.1							4.7	1.0
W	.0	1.0	1.1	.0	.1							4.0	5.0
WNW	1.0	1.0	1.5	.0								.0	6.5
NW	.0	.0	1.7	.4	.1							.0	6.1
NNW	.0	1.1	1.1	.7								.4	7.6
VARBL													
CALM												.1	
	17.6	20.7	20.7	17.0	1.1	.1						.0	5.7

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
 CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1034.6 STATION 1034.6 STATION NAME ALL-WEATHER CLASS 77-4 YEARS 1950-1951 MONTH 12 HOURS (LST) 24

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	5.5	2.3	1.6								11.4	2.6
NNE	1.7	2.2	.9	.4								2.4	5.5
NE	1.7	1.2	.2	.1								2.0	4.1
ENE	1.3	.1	.1									2.3	5.4
E	2.2	1.2	.1									2.2	2.2
ESE	1.4	1.7	.2									2.5	3.7
SE	1.0	2.7	1.5	.4								2.1	5.5
SSE	2.7	3.2	2.4	.5								2.3	2.4
S	2.1	5.7	2.6	.3								11.4	2.2
SSW	2.0	2.7	.9	.3								2.7	4.7
SW	1.1	.1	.2									1.2	3.9
WSW	1.1	.3	.3									1.7	2.9
W	2.3	.1	.3	.2								2.3	4.1
WNW	.6	.4	.0									1.0	2.5
NW	.7	.2	1.1	.2								2.4	6.7
NNW	.4	.0	.5	.5								2.2	7.1
VARBL													
CALM												1.0	
	27.6	31.2	14.2	4.9								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 632

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1234-9 STATION ELYTHEVILLE AFB AR 72-52 YEARS 20° NORTH
CLASS ALL WEATHER 100-1000 HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.6	3.5	1.4	.3							12.7	0.6
NNE	2.0	1.7	.5	.2								4.5	4.5
NE	.5	1.2	.3	.1								2.3	4.2
ENE	1.4	.8	.2									2.4	3.4
E	.5	.4										2.1	2.8
ESE	1.4	1.3	.2	.1								3.2	2.0
SE	.5	2.4	1.5	.5	.1							5.2	6.2
SSE	2.4	4.4	2.7	1.2	.1							10.5	6.0
S	2.2	5.7	2.8	.4								11.3	5.5
SSW	1.5	3.4	1.5	.3								6.7	5.1
SW	.5	.2	.2									1.6	4.3
WSW	.5	.2	.1									1.2	3.3
W	1.5	.5	.1									2.2	2.8
WNW	.7	.9	.9	.3	.2							2.9	7.4
NW	.1	1.3	.6	.1								2.2	5.8
NNW	.4	1.2	1.4	.3								3.3	6.5
VARBL													
CALM												21.2	
	21.1	22.6	15.5	5.1	.9							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 970

JOINT CLIMATELOGY BRANCH
USAFETAC
WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION PLYTHEVILLE AFB AF STATION NAME 77-8 YEARS 201 MONTH ALL
CLASS ALL WEATHER HOURS (LST) ALL
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	N	MEAN WIND SPEED
N	1.0	4.5	1.8	2.0	1.7							1.0	2.0
NNE	1.0	1.0	1.4	1.0	1.0							1.0	2.0
NE	1.0	1.0	1.4	1.0	1.0							1.0	2.0
ENE	1.0	1.0	1.4	1.0	1.0							1.0	2.0
E	1.0	1.0	1.4	1.0	1.0							1.0	2.0
ESE	1.0	1.1	1.4	1.0	1.0							1.0	2.0
SE	1.0	1.0	1.4	1.0	1.0							1.0	2.0
SSE	1.0	1.0	1.4	1.0	1.0							1.0	2.0
S	1.0	1.0	1.4	1.0	1.0							1.0	2.0
SSW	1.0	1.0	1.4	1.0	1.0							1.0	2.0
SW	1.0	1.0	1.4	1.0	1.0							1.0	2.0
WSW	1.0	1.0	1.4	1.0	1.0							1.0	2.0
W	1.0	1.0	1.4	1.0	1.0							1.0	2.0
WNW	1.0	1.0	1.4	1.0	1.0							1.0	2.0
NW	1.0	1.0	1.4	1.0	1.0							1.0	2.0
NNW	1.0	1.0	1.4	1.0	1.0							1.0	2.0
VARBL													
CALM												17.7	
	12.6	23.2	21.4	12.0	1.1	1.1							2.4

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4000 LEATHER SERVICE ROAD

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION PLYMOUTH AFB AL STATION NAME 77-82 YEARS ALL WEATHER MONTH 1986-1988
CLASS ALL WEATHER HOURS (LST) 1986-1988
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.1	3.4	3.1	.6							1.1	4.4
NNE	.0	1.1	1.1	1.0	.1							4.3	6.0
NE	.0	.0	.2	.4								1.7	3.1
ENE	.0	.3	.2									1.0	4.4
E	1.4	1.0	.9									1.3	4.1
ESE	1.0	1.1	.2	.2								1.7	4.6
SE	.0	1.1	1.7	.6								1.7	6.7
SSE	1.0	2.4	1.1	.7			.1					1.2	5.3
S	.0	4.3	2.8	2.8	.7	.3	.1					1.3	7.8
SSW	1.1	2.4	2.3	.9	.1	.1						1.0	7.1
SW	.7	1.0	1.0	.2								1.0	5.3
WSW	.0	1.0	.3	.1								.2	1.3
W	1.0	2.1	.7	1.3								.3	6.1
WNW	.0	1.4	.6	.4								1.7	6.2
NW	.7	1.2	.7	.4								1.0	5.3
NNW	.0	1.0	1.0	1.1								1.7	6.1
VARBL													
CALM													
	1.1	2.6	12.7	13.3	1.4	.4	.1					1.1	6.5

TOTAL NUMBER OF OBSERVATIONS 770

U.S. AIR FORCE CLIMATE BRANCH
 AFM 1-1
 WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION WYTHEVILLE AFB STATION NAME WYTHEVILLE AFB YEARS 7-9 MONTH NOV
 CLASS ALL WEATHER HOURS (L & T) 2400-0600

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	3.3	4.4	2.6	.3							10.2	7.8
NNE	.1	2.4	.7	2.0								5.2	7.5
NE		.7	.7	.4	.1							1.9	5.7
ENE	.7	.7	.2	.1								1.7	5.3
E	.1	1.7	.1	.1								2.9	3.6
ESE	1.1	.7	.2	.1								2.1	3.9
SE	.1	1.7	1.2	.6								4.3	6.4
SSE	1.2	1.7	1.3	1.1								6.3	6.1
S	1.1	4.4	3.4	1.4	.7	.2						12.3	7.7
SSW	1.7	2.2	1.7	1.6	.2	.2						7.0	7.4
SW	.7	.7	.4	.3	.1							2.2	5.6
WSW	.1	1.3	1.4	.2								3.0	6.4
W	1.7	1.6	.9	.6	.1							5.1	5.5
WNW	1.7	2.1	1.4	.4								5.7	5.6
NW	.1	1.6	.9	.3								3.9	6.1
NNW	1.1	.7	.9	.7		.1						3.0	6.9
VARBL													
CALM												17.7	
	10.6	20.4	23.0	12.0	1.6	.6						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 200

CLIMATE CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION LYNCHVILLE AFB AR YEARS 73-84 MONTH NOV
CLASS ALL WEATHER HOURS (L & T) 1400-0600
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.7	3.6	2.9	.3							12.7	7.5
NNE	.6	1.3	2.4	1.3								1.6	7.7
NE	.4	.9	.9	.2	.1							2.4	7.1
ENE	.4	1.1	.4	.3								2.3	6.3
E	2.1	.6	.7									2.3	3.7
ESE	1.1	.6	.4									1.1	4.1
SE	1.2	1.2	1.3	.2								4.0	5.4
SSE	.6	2.4	1.6	1.1								7.1	6.5
S	1.2	3.6	4.4	2.9	.3	.2						12.7	6.4
SSW	1.6	2.7	2.4	1.4	.4	.1						6.7	5.6
SW	.6	1.3	.6	.1	.1							2.3	6.3
WSW	.6	.4	.6	.4								2.2	7.6
W	1.6	2.6	1.6	.3								6.2	5.6
WNW	1.6	1.6	1.1	.4								4.4	5.7
NW	.4	1.4	1.2	.3	.2							4.2	5.4
NNW	.6	1.7	1.7	.6	.1							4.6	7.2
VARBL												1.3	
CALM													
	11.2	25.2	24.6	12.7	1.7	.3						12.2	5.9

TOTAL NUMBER OF OBSERVATIONS 700

CENTRAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7234 15 ELYTHEVILLE AFB AL STATION NAME 72-80 YEARS 404 NORTH
CLASS ALL WEATHER 1960-1969 HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	2.4	5.4	.2							11.2	10.6
NNE	.4	2.1	2.7	2.3	.6							2.1	9.5
NE	.2	1.3	1.2	.4								2.1	7.6
ENE	.1	1.2	1.1	.2	.2							2.3	8.8
E	.1	.2	.7	.6								2.1	7.2
ESE	1.1	1.1	.5	.4								2.4	2.6
SE	.1	1.1	1.9	.4	.1							4.3	7.3
SSE	.1	1.7	1.4	1.6	.1							2.2	8.4
S	.3	3.2	7.2	3.4	.7	.3						12.2	8.4
SSW	.1	1.4	1.2	5.2	.9							13.2	10.2
SW	.2	.2	2.4	1.1	.3							4.2	9.7
WSW	.7	.9	1.2	.3								2.4	6.6
W	.5	.5	1.2	.8	.2							2.3	2.2
WNW	.1	1.1	1.3	2.1								1.2	3.9
NW	.1	1.1	1.9	1.1	.1							4.2	9.1
NNW	.1	.1	1.3	1.3								3.3	9.5
VARBL													
CALM												4.2	
	.5	2.2	34.9	7.2	4.0	.7						12.2	5.5

TOTAL NUMBER OF OBSERVATIONS 800

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

722409 STATION 722409 ELYTHEVILLE AFB AR 77-82 YEARS MONTH NORTH
ALL WEATHER CLASS 1200-1400 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.3	4.1	4.0	.2							12.2	2.7
NNE	1.0	1.1	1.9	2.3	.1							6.4	6.5
NE	1.0	2.1	1.6	.8								6.4	6.3
ENE	.7	1.3	.6	.7								6.2	6.5
E	.0	.7	.6	.2								5.2	6.5
ESE	.0	.4	.5	.1								1.7	6.6
SE	.4	1.4	.3	1.0								3.7	7.3
SSE	.0	1.0	1.6	1.6	.3	.1						7.4	7.3
S	.0	2.2	5.3	5.0	1.0	.5						15.0	10.5
SSW	.0	2.3	4.5	4.2	1.0	.1						13.2	10.2
SW	.0	1.5	3.0	1.7	.7							7.4	9.4
WSW	.2	.7	1.2	.4	.1							4.7	6.3
W	.0	1.1	2.0	1.0	.5							4.7	9.3
WNW	.4	.7	1.9	2.9								6.7	10.2
NW	.0	1.0	.7	1.2								3.2	8.8
NNW	.7	1.0	1.2	.7	.1							2.7	7.6
VARBL													
CALM												5.7	
	0.6	21.7	31.7	18.6	4.1	.5						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 600

CLIMATOLOGY BRANCH
AFSTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

123456 STATION NAME 73-82 YEARS
STATION NORTH
CLASS ALL WEATHER
CONDITION
1500-1700 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	2.2	3.6	1.4	.1							11.2	4.4
NNE	.7	2.0	3.2	2.1								8.2	3.2
NE	1.2	2.2	1.2	.2								4.7	3.3
ENE	.3	1.4	.4	.2								2.7	3.2
E	1.1	.8	.3	.2								2.7	4.5
ESE	.6	1.3		.1								1.7	4.3
SE	.7	1.1	1.4	.4	.1	.1						3.7	7.7
SSE	1.4	1.4	1.6	1.1								2.6	7.2
S	1.3	3.8	5.8	4.6	.6							18.1	8.9
SSW	.6	3.2	4.3	3.0	.5	.1						11.8	9.2
SW	.6	1.7	.7	.4	.1							3.2	6.9
WSW	1.0	.7	1.0	.6	.1							3.8	7.1
W	.4	1.4	.6	1.4	.1	.1						4.1	6.8
WNW	.1	.3	1.0	2.3	.2							2.3	9.4
NW	.4	.7	1.3	1.1	.1							3.7	9.0
NNW	1.1	.7	1.7	.7								3.5	6.8
VAPBL													
CALM												6.6	
	1.6	25.2	23.3	12.0	2.0	.3						10.0	7.4

TOTAL NUMBER OF OBSERVATIONS 400

U.S. NAVAL CLIMATOLOGY BRANCH
NAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION PLYTHEVILLE AFB AL STATION NAME 71-80 YEARS Nov MONTH 1 30-2000
CLASS ALL WEATHER HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	7.1	3.1	2.3	.0							1.1	3.1
NNE	1.1	2.2	1.2	.0								0.5	0.6
NE	.0	1.1	.7	.2								0.1	0.3
ENE	1.7	1.1	.1									0.2	0.3
E	5.2	1.1	.6	.3								4.7	4.3
ESE	1.1	.0	.2	.1								1.2	4.0
SE	.7	1.1	1.4	.6	.1							4.0	7.5
SSE	.3	2.6	1.3	.9	.1							7.1	5.0
S	3.0	5.2	4.6	1.2	.1							1.2	0.4
SSW	1.7	2.7	1.6	.7								1.0	0.0
SW	.0	.0	.3	.3								2.4	0.4
WSW	.1	.0	.1	.3	.2							1.3	9.3
W	1.4	.0	.3	.7	.3							4.1	7.0
WNW	.0	1.7	1.1	.3	.2							4.1	0.0
NW	.7	.0	1.1	.3	.2							0.0	0.0
NNW	1.0	.0	.6	.6	.1							.4	7.1
VARBL													
CALM												1.1	
	1.1	2.7	2.0	2.0	2.4							1.1	5.3

TOTAL NUMBER OF OBSERVATIONS 400

U.S. AIR FORCE
METAC
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 028400 WEATHERVILLE AFB AR STATION NAME 72-92 YEARS 404 NORTH
CLASS ALL WEATHERED HOURS (L & T) 0100-2400

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.2	3.1	2.7	.4							1.1	7.2
NNE	.2	1.2	1.0	1.1	.1	.1						2.2	7.2
NE	.1	1.3	.4	.4								2.2	7.2
ENE	1.1	.3	.3									2.3	4.2
E	2.1	.3	.3									2.2	2.3
ESE	1.1	.3	.4	.1								2.2	4.7
SE	1.1	.3	.7	.9								2.3	7.1
SSE	1.4	2.2	1.6	1.7	.1	.1	.1					7.1	7.2
S	4.2	4.0	4.4	2.4	.8							15.3	7.1
SSW	1.4	2.1	2.7	.9								7.1	6.2
SW	.7	.3	.7			.1						1.3	6.4
WSW	.3	.3	.4	.4		.1						2.1	7.2
W	1.2	1.1	1.5	.4	.4							2.3	7.5
WNW	.7	.7	.3	.4	.1							2.4	6.2
NW	.4	.7	1.2	.3								2.7	6.9
NNW	.4	1.4	1.2	.6	.1							3.2	7.5
VARBL													
CALM												1.9	
	2.3	24.9	21.4	11.8	2.1	.4	.1					100.2	5.6

TOTAL NUMBER OF OBSERVATIONS 970

USAF CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 27400 STATION NAME OLYTHEVILLE AFB AR YEARS 77-82 MONTH ALL
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.2	3.6	7.4	.4							12.4	5.2
NNE	.7	1.8	2.7	1.6	.1	.7						5.4	5.0
NE	.7	1.7	1.7	.4	.7							5.4	6.4
ENE	.7	1.1	.4	.7	.7							5.7	5.4
E	1.7	.9	.5	.2								3.2	4.4
ESE	1.1	.7	.4	.7								3.4	4.4
SE	.7	1.2	1.3	.6	.7	.2						5.7	5.9
SSE	1.7	2.7	1.4	1.1	.1	.2	.7					7.3	6.9
S	.7	4.2	4.7	7.7	.5	.2						14.7	6.3
SSW	1.1	2.4	3.1	2.2	.4	.1						7.5	6.5
SW	.7	1.2	1.1	.5	.2	.2						5.4	7.7
WSW	.7	.9	.9	.4	.1	.2						4.7	7.1
W	1.1	1.5	1.2	.8	.2	.1						4.7	7.2
WNW	.7	1.7	1.2	1.2	.1							4.7	7.6
NW	.7	1.7	1.1	.7	.1							5.4	7.7
NNW	.7	1.7	1.1	.7	.1	.2						5.7	7.7
VARBL													
CALM												1.7	
	1.7	25.5	25.0	17.2	2.4	.4	.7					100.2	6.6

TOTAL NUMBER OF OBSERVATIONS 7200

AL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 140400 ELYTHE HILL AFB AF 77-9 MONTH 0-0
STATION NAME CLASS HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.0	4.0	3.7	1.5	.1						14.5	7.4
NNE	1.2	1.4	1.7	.9	.1							2.2	7.2
NE	1.2	1.2	.7									2.2	4.2
ENE	.2	.2	.3									1.2	4.2
E	1.2	1.7	.3									2.2	3.7
ESE	.1	1.2										1.7	3.9
SE	.2	1.7	1.0	.2	.3	.2						4.2	3.2
SSE	1.2	2.1	3.0	1.5	.3	.2						10.2	7.2
S	2.3	4.1	4.8	3.0	.5	.2						14.2	3.1
SSW	1.2	2.7	4.1	2.3								10.2	7.2
SW	.2	1.2	1.1	.5	.1							3.2	6.9
WSW	.2	.2	.1	.5								1.2	3.2
W	.1	1.2	1.2	1.2								4.4	7.2
WNW	.2	.7	.2	.6								1.7	4.2
NW	.2	1.2	1.2	1.7	.2	.1						4.2	4.2
NNW	.2	1.2	.3	1.4								4.4	7.2
VARBL													
CALM												10.2	
	24.2	27.7	4.6	17.4	3.1	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 17

U.S. AIR FORCE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 123456 STATION NAME PLYMOUTHVILLE AFB AL CLASS ALL HEATED YEARS 72-82 MONTHS 1-12 HOURS (LST) 0000-2300
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	7.3	3.4	4.4	.7							1.7	5.1
NNE	.1	1.3	1.7	.4								.7	5.6
NE	1.1	1.1	.8									.7	4.9
ENE	.3	.6	.2									.7	4.1
E	1.3	.7										.7	3.7
ESE	1.2	1.3	.1		.1							.7	4.2
SE	.1	2.1	.9	.2	.1							.7	6.7
SSE	.5	2.7	2.6	1.3	.3							.1	7.7
S	1.7	4.7	5.3	1.9	.5	.1						14.4	7.6
SSW	1.7	3.1	4.2	1.7	.1							.7	7.4
SW	1.7	1.1	.5	.5								.1	6.7
WSW	.2	.5	.4	.6								.7	7.7
W	.6	1.1	1.6	.9	.1							.7	5.7
WNW	.5	1.1	1.6	1.7	.3							.7	6.9
NW	.5	1.3	1.6	.8	.1							.7	7.7
NNW	.5	1.6	1.7	1.1	.1	.1						.7	5.7
VARBL													
CALM												11.5	
	1.2	27.5	26.9	14.9	2.7	.2						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 975

JOINT CLIMATOLOGY BRANCH
AFETAC
U.S. WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 122455 SLYTHEVILLE AFB A STATION NAME 75-20 YEARS 0-0
CLASS ALL-WEATHER HOURS 1500
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	5.2	4.1	.6							14.5	4.5
NNE	1.2	.6	1.0	.6	.1							1.1	6.5
NE	1.1	1.3	1.1	.1								2.0	5.2
ENE	.0	.4	.5									1.7	5.0
E	1.0	1.2										2.2	3.5
ESE	.6	1.4	.3	.1								2.3	3.7
SE	1.2	1.6	1.5	.4	.1							4.0	6.4
SSE	1.7	3.0	2.4	1.8								5.1	7.2
S	1.3	2.8	4.4	2.8	.5							13.4	6.2
SSW	1.7	3.3	2.7	1.7	.1							7.9	7.2
SW	.0	.9	.9	.5								2.9	5.5
WSW	1.1	.5	.6									2.7	4.4
W	.0	1.6	1.3	.4								3.9	6.0
WNW	.0	1.0	2.0	.9	.4							4.3	6.9
NW	.4	1.7	1.8	1.4								5.4	6.1
NNW	.0	1.4	1.4	1.4	.3							5.4	6.4
VARBL													
CALM													
	17.2	26.7	20.7	16.3	2.3							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 1500

JOINT CLIMATELOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

120400 STATION 01470000 AFB AT 77-82 YEARS MONTH 06
ALL WEATHER CLASS 1960-1100 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.7	1.1	4.6	.0	.0						12.2	1.24
NNE	.0	1.7	1.7	1.5	.0							1.0	3.1
NE	.0	1.2	1.2	.4								7.0	6.6
ENE	.0	1.0	.6	.3								3.4	6.0
E	1.0	1.4	.6	.3								1.7	6.4
ESE	.0	.0	.5	.2								1.0	6.0
SE	.0	.0	2.0	.5								3.0	7.8
SSE	.0	2.0	2.7	3.2	.7							.0	6.4
S	.0	1.0	4.2	8.5	1.0	.0						14.1	10.8
SSW	.0	1.7	5.5	2.7	.1							10.0	8.9
SW	.0	.0	1.3	1.5								4.3	8.5
WSW	.0	1.0	.0	.3	.1							3.3	6.1
W	.0	1.1	1.9	.0	.2							4.4	6.5
WNW	.0	1.0	1.4	1.0	.1							4.7	9.3
NW	.0	.4	2.0	1.6	1.0							7.5	11.1
NNW	.0	.0	2.0	1.7	.2							1.1	2.9
VARBL													
CALM												4.4	
	0.0	20.2	33.0	3.2	4.7	.4						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 430

1. J. TAL CLIMATOLOGY BRANCH
 2. AFSTAC
 3. WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

100400 100TH TFW, AFB, AL 72-02 025
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 1000-1400
 HOURS (LST)
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.2	5.7	3.4	1.2	.2						13.2	10.7
NNE	.2	2.0	2.5	1.1	.3							7.4	7.5
NE	1.1	.5	.4	.1								2.4	5.2
ENE	.1	.1	.1	.2								1.0	2.3
E	.1	.2	.8	.1								2.2	3.2
ESE	.1	.4	.3									1.2	4.5
SE	.1	.7	1.2	.5								2.1	7.1
SSE	.1	.4	1.4	2.7	.7							2.7	10.2
S	.2	1.2	3.4	6.7	2.0							14.1	11.7
SSW	1.2	2.4	4.5	5.3	.9	.1						14.2	11.2
SW	.4	1.2	1.6	2.2	.4	.1						2.1	9.9
WSW	.4	.5	1.2	.4	.2							2.2	3.3
W	.4	1.7	1.6	1.4	.2							.4	5.2
WNW	.4	.5	1.3	1.3								1.7	1.7
NW	.7	1.1	3.0	2.0	.4							7.1	7.2
NNW	.4	1.2	1.7	1.7	.2	.1						4.6	4.7
VARBL													
CALM													
	5.5	13.7	31.2	22.0	7.0	.5						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

JOINT CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 12402 POLYTHEVILLE AFB AL YEARS 71-80 MONTH NORTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	3.4	4.7	3.6	1.2							1.4	9.2
NNE	.5	1.5	2.0	1.1								.5	7.5
NE	.4	1.0	.3	.1								.4	5.1
ENE	.5	1.7	.6									.5	5.5
E	.5	1.1	.2	.2								.4	5.5
ESE	.5	.5	.9	.7								.5	6.5
SE	.5	1.2	.5	1.1								.5	6.5
SSE	.5	1.6	2.8	2.2	.1							.7	9.0
S	1.5	3.7	4.2	3.7	.3	.5						1.3	8.5
SSW	1.1	2.7	4.7	3.3								1.1	6.5
SW	1.2	1.6	2.2	.9	.4	.1						.7	7.5
WSW	.3	1.3	.6	.2		.1						.5	6.9
W	1.1	1.3	3.3	1.7	.1							.7	7.4
WNW	.5	.5	1.9	.4	.1							.5	7.5
NW	.4	.5	1.8	1.5	.7							.5	9.5
NNW	.5	1.2	.9	1.4	.1	.1						.1	5.5
VARBL													
CALM													
	11.7	26.4	31.2	21.1	2.7	.5						1.2	7.6

TOTAL NUMBER OF OBSERVATIONS 179

JOINT CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION PLYMOUTHVILLE AFB AR CLASS ALL WEATHER YEARS 77-82 MONTH DEC
 STATION NAME PLYMOUTHVILLE AFB AR CLASS ALL WEATHER YEARS 77-82 MONTH DEC
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	5.0	2.0	2.7	1.5	.1						18.0	6.5
NNE	1.7	3.0	1.0	1.1	.1							6.9	6.2
NE	1.2	1.2	.2									2.6	4.2
ENE	1.0	.7	.2									1.9	3.3
E	1.1	1.5	.4	.2	.1							2.3	3.3
ESE	.2	1.1	.5									2.8	4.5
SE	.6	1.1	.6	1.2								3.6	7.4
SSE	1.0	2.3	2.8	2.6	.1							9.8	6.2
S	1.8	2.4	4.6	2.3	.2							14.2	7.5
SSW	1.1	2.7	2.7	1.1								7.9	6.9
SW	.9	1.1	.6	.4	.1							2.2	7.1
WSW	.2	.2	.1	.1								1.0	4.4
W	.7	1.2	.4	.4	.1							2.7	6.4
WNW	.4	1.2	1.7	.9	.7							4.5	6.6
NW	.3	.9	1.7	1.1	.7							4.1	6.5
NNW	.7	1.3	1.1	1.6	.2							4.7	6.7
VARBL													
CALM												11.9	
	7.8	30.3	21.0	15.6	3.2	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 927

U.S. AIR FORCE
CENTRAL CLIMATOLOGY BRANCH
WHEELS
AIR WEATHER SERVICE/AFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10443 PLYTHEVILLE AFB MS 77-2 YEARS 2 MONTH 100-2500 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	3.4	4.0	7.7	1.4	.7						14.7	4.4
NNE	1.4	2.9	1.5	1.0	.5							7.5	3.5
NE	.6	1.0	.1									2.6	1.5
ENE	1.0	.1										1.0	1.0
E	.1	1.1	.5	.1								1.6	4.7
ESE	1.0	.2	.5	.1								1.8	6.7
SE	.6	1.2	.9	.8	.1	.2						3.5	7.8
SSE	1.2	2.4	2.6	2.8	.7	.2						14.7	6.7
S	1.0	4.5	5.1	3.9	.4							14.5	7.0
SSW	.6	1.5	3.6	1.7	.1							7.5	7.4
SW	.6	1.1	.6	.6	.1							2.1	7.4
WSW	.1	.5	.3	.4								1.3	7.0
W	.6	1.5	.6	.6								3.9	5.7
WNW	.1	1.2	.3	1.2	.7							3.5	7.5
NW	.6	.3	1.2	1.4								2.5	7.4
NNW	.1	1.7	1.3	1.6	.7							5.7	7.4
VARBL													
CALM												14.1	
	13.0	26.5	23.7	17.8	7.2	.6						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 927

U.S. AIR FORCE
 U.S. AIR FORCE
 U.S. AIR FORCE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 104400 ELYNEVILLE AFB AR 77-82
 STATION NAME YEARS
 ALL WEATHER CLASS
 HOURS 11 5 1
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.2	4.4	3.8	1.7	.1						14.5	1.4
NNE	1.1	1.0	1.6	.9	.1							2.6	7.0
NE	.	1.1	.6	.1								2.7	2.2
ENE	.	.9	.4	.1								2.0	4.0
E	1.0	1.1	.4	.1	.0							2.5	4.7
ESE	.7	1.1	.4	.1	.1							2.2	3.2
SE	.6	1.3	1.1	.6	.1	.1						2.7	7.7
SSE	.0	2.7	2.5	2.2	.2	.1						2.2	2.4
S	1.0	3.6	4.6	3.7	.7	.1						14.1	2.6
SSW	1.1	2.6	4.0	2.5	.2	.0						13.3	6.2
SW	.	1.2	1.1	.9	.1	.0						3.1	7.5
WSW	.7	.	.5	.3	.0	.0						2.4	6.4
W	.	1.4	1.3	.0	.1							2.3	7.6
WNW	.5	.0	1.5	1.0	.2							2.7	9.0
NW	.	1.0	1.7	1.4	.3	.0						4.9	9.2
NNW	.	1.4	1.3	1.5	.2	.						2.8	6.7
VARBL													
CALM												.4	
	13.7	25.2	27.4	20.1	3.5	.4						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 7437

CENTRAL CLIMATOLOGY BRANCH
AFLTAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 123456 STATION NAME SLYTHEVILLE AFB AR YEARS 77-82 ALL MONTH ALL HOURS (L & T) CLASS ALL WEATHER CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.3	3.3	2.7	.5	.1	.0	.0				11.5	6.3
NNE	1.1	2.1	2.0	1.1	.1	.0	.0					4.4	7.1
NE	1.0	1.5	1.1	.4	.0	.0						4.1	6.0
ENE	1.1	1.4	.7	.2	.0							3.4	5.0
E	1.0	1.5	.8	.2	.0	.0						3.4	4.6
ESE	1.0	1.0	.5	.1	.0	.0	.0					3.0	5.0
SE	.9	1.0	1.1	.5	.1	.0	.0					4.1	6.6
SSE	1.4	2.6	1.8	1.0	.1	.0	.0					6.9	6.6
S	1.8	4.1	4.1	2.9	.6	.1	.0	.0				13.7	6.2
SSW	1.7	2.7	3.0	1.9	.3	.1	.0					6.4	5.0
SW	.7	1.3	1.3	.7	.1	.0	.0					4.0	7.5
WSW	.7	.6	.9	.4	.1	.0						3.0	6.6
W	.5	1.2	.9	.7	.1	.0						3.0	7.3
WNW	.5	.8	.9	.6	.1	.0						4.7	7.7
NW	.4	.0	.9	.6	.1	.0						4.6	7.0
NNW	.5	1.1	1.2	.9	.2	.0		.0				5.1	6.1
VARBL													
CALM												1.4	
	10.6	7.8	24.5	14.8	2.3	.5	.7	.0				17.0	6.3

TOTAL NUMBER OF OBSERVATIONS 67072

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1949. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations, the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ 0
NO CEILING											
1800											
1500											92.6
1200											
1000											
800											
600											
500											
400											
300											
200											
100											
0					95.4	96.9	98.3				98.1

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

AL CLIMATELOGY LANCN
TAC
FATHER SERVICE/141

CEILING VERSUS VISIBILITY

WYTHEVILLE AFB 1

73-07

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

101-1000

46.7	46.9	47.2	47.5	47.8	48.1	48.3	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.
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TOTAL NUMBER OF OBSERVATIONS 970

1. ALTIMETER BRANCH
2. ETAC
3. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4. LOCATION ELYTHEVILLE AFB AL

5. DATE 7-2-60

6. TIME JA

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

7. TOTAL NUMBER OF OBSERVATIONS 1000

CEILING	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
10	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
15	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
20	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
25	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
30	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
35	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
40	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
45	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
50	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
55	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
60	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
65	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
70	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
75	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
80	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
85	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
90	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
95	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
100	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1

TOTAL NUMBER OF OBSERVATIONS 1000

USAF ETAC 0-14-5 TOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

2-55

— 222 —

TOTAL NUMBER OF OBSERVATIONS 43

USAF E7A1 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

75-57

10-11-1994

TOTAL NUMBER OF OBSERVATIONS 270

USAF F'AC 0-14.5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

73-52

1-5-14--

TOTAL NUMBER OF OBSERVATIONS 27

CEILING VERSUS VISIBILITY

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100-2-172.

TOTAL NUMBER OF OBSERVATIONS 27

CEILING VERSUS VISIBILITY

15-50

4:

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

• 32 •

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 OL A PREVIOUS EDITIONS ARE OBSOLETE

CEILING VERSUS VISIBILITY

73-0"

100-1000000

TOTAL NUMBER OF OBSERVATIONS 930

CEILING VERSUS VISIBILITY

— — —

— 24 —

3. 2. 1.

TOTAL NUMBER OF OBSERVATIONS 744

USAF F-4A 0-14-5 OF A PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

JOINT CLIMATECLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: WYTHEVILLE AFB 4

73-82

501

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1000-1000

| VISIBILITY (MILES) | | CEILING (FEET) | | | | | | | | | | | | | | | | | | | |
|--------------------|------|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 1.0 | 52.5 | 52.5 | 52.5 | 53.3 | 53.4 | 53.9 | 54.1 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| 2.0 | 51.1 | 51.1 | 51.1 | 51.6 | 51.6 | 51.7 | 51.9 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 |
| 3.0 | 50.3 | 50.3 | 50.3 | 50.9 | 50.9 | 51.0 | 51.3 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| 4.0 | 49.3 | 49.3 | 49.3 | 49.9 | 49.9 | 50.0 | 50.3 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 |
| 5.0 | 48.3 | 48.3 | 48.3 | 48.9 | 48.9 | 49.0 | 49.3 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 |
| 6.0 | 47.3 | 47.3 | 47.3 | 47.9 | 47.9 | 48.0 | 48.3 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 |
| 7.0 | 46.3 | 46.3 | 46.3 | 46.9 | 46.9 | 47.0 | 47.3 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| 8.0 | 45.3 | 45.3 | 45.3 | 45.9 | 45.9 | 46.0 | 46.3 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| 9.0 | 44.3 | 44.3 | 44.3 | 44.9 | 44.9 | 45.0 | 45.3 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 |
| 10.0 | 43.3 | 43.3 | 43.3 | 43.9 | 43.9 | 44.0 | 44.3 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 11.0 | 42.3 | 42.3 | 42.3 | 42.9 | 42.9 | 43.0 | 43.3 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 |
| 12.0 | 41.3 | 41.3 | 41.3 | 41.9 | 41.9 | 42.0 | 42.3 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 |
| 13.0 | 40.3 | 40.3 | 40.3 | 40.9 | 40.9 | 41.0 | 41.3 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 |
| 14.0 | 39.3 | 39.3 | 39.3 | 39.9 | 39.9 | 40.0 | 40.3 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 |
| 15.0 | 38.3 | 38.3 | 38.3 | 38.9 | 38.9 | 39.0 | 39.3 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 |
| 16.0 | 37.3 | 37.3 | 37.3 | 37.9 | 37.9 | 38.0 | 38.3 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 |
| 17.0 | 36.3 | 36.3 | 36.3 | 36.9 | 36.9 | 37.0 | 37.3 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 |
| 18.0 | 35.3 | 35.3 | 35.3 | 35.9 | 35.9 | 36.0 | 36.3 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 |
| 19.0 | 34.3 | 34.3 | 34.3 | 34.9 | 34.9 | 35.0 | 35.3 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 |
| 20.0 | 33.3 | 33.3 | 33.3 | 33.9 | 33.9 | 34.0 | 34.3 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 |
| 21.0 | 32.3 | 32.3 | 32.3 | 32.9 | 32.9 | 33.0 | 33.3 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 |
| 22.0 | 31.3 | 31.3 | 31.3 | 31.9 | 31.9 | 32.0 | 32.3 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 |
| 23.0 | 30.3 | 30.3 | 30.3 | 30.9 | 30.9 | 31.0 | 31.3 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 |
| 24.0 | 29.3 | 29.3 | 29.3 | 29.9 | 29.9 | 30.0 | 30.3 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 |
| 25.0 | 28.3 | 28.3 | 28.3 | 28.9 | 28.9 | 29.0 | 29.3 | 29.4 | 29.4 | 29.4 | 29.4 | 29.4 | 29.4 | 29.4 | 29.4 | 29.4 | 29.4 | 29.4 | 29.4 | 29.4 | 29.4 |
| 26.0 | 27.3 | 27.3 | 27.3 | 27.9 | 27.9 | 28.0 | 28.3 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 |
| 27.0 | 26.3 | 26.3 | 26.3 | 26.9 | 26.9 | 27.0 | 27.3 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 | 27.4 |
| 28.0 | 25.3 | 25.3 | 25.3 | 25.9 | 25.9 | 26.0 | 26.3 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 | 26.4 |
| 29.0 | 24.3 | 24.3 | 24.3 | 24.9 | 24.9 | 25.0 | 25.3 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 |
| 30.0 | 23.3 | 23.3 | 23.3 | 23.9 | 23.9 | 24.0 | 24.3 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 | 24.4 |
| 31.0 | 22.3 | 22.3 | 22.3 | 22.9 | 22.9 | 23.0 | 23.3 | 23.4 | 23.4 | 23.4 | 23.4 | 23.4 | 23.4 | 23.4 | 23.4 | 23.4 | 23.4 | 23.4 | 23.4 | 23.4 | 23.4 |
| 32.0 | 21.3 | 21.3 | 21.3 | 21.9 | 21.9 | 22.0 | 22.3 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 |
| 33.0 | 20.3 | 20.3 | 20.3 | 20.9 | 20.9 | 21.0 | 21.3 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 |
| 34.0 | 19.3 | 19.3 | 19.3 | 19.9 | 19.9 | 20.0 | 20.3 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 |
| 35.0 | 18.3 | 18.3 | 18.3 | 18.9 | 18.9 | 19.0 | 19.3 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 | 19.4 |
| 36.0 | 17.3 | 17.3 | 17.3 | 17.9 | 17.9 | 18.0 | 18.3 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 | 18.4 |
| 37.0 | 16.3 | 16.3 | 16.3 | 16.9 | 16.9 | 17.0 | 17.3 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 | 17.4 |
| 38.0 | 15.3 | 15.3 | 15.3 | 15.9 | 15.9 | 16.0 | 16.3 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 | 16.4 |
| 39.0 | 14.3 | 14.3 | 14.3 | 14.9 | 14.9 | 15.0 | 15.3 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 |
| 40.0 | 13.3 | 13.3 | 13.3 | 13.9 | 13.9 | 14.0 | 14.3 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 | 14.4 |
| 41.0 | 12.3 | 12.3 | 12.3 | 12.9 | 12.9 | 13.0 | 13.3 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 |
| 42.0 | 11.3 | 11.3 | 11.3 | 11.9 | 11.9 | 12.0 | 12.3 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 |
| 43.0 | 10.3 | 10.3 | 10.3 | 10.9 | 10.9 | 11.0 | 11.3 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 |
| 44.0 | 9.3 | 9.3 | 9.3 | 9.9 | 9.9 | 10.0 | 10.3 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 |
| 45.0 | 8.3 | 8.3 | 8.3 | 8.9 | 8.9 | 9.0 | 9.3 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 |
| 46.0 | 7.3 | 7.3 | 7.3 | 7.9 | 7.9 | 8.0 | 8.3 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 |
| 47.0 | 6.3 | 6.3 | 6.3 | 6.9 | 6.9 | 7.0 | 7.3 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 |
| 48.0 | 5.3 | 5.3 | 5.3 | 5.9 | 5.9 | 6.0 | 6.3 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 |
| 49.0 | 4.3 | 4.3 | 4.3 | 4.9 | 4.9 | 5.0 | 5.3 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| 50.0 | 3.3 | 3.3 | 3.3 | 3.9 | 3.9 | 4.0 | 4.3 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 51.0 | 2.3 | 2.3 | 2.3 | 2.9 | 2.9 | 3.0 | 3.3 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 |
| 52.0 | 1.3 | 1.3 | 1.3 | 1.9 | 1.9 | 2.0 | 2.3 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 53.0 | 0.3 | 0.3 | 0.3 | 0.9 | 0.9 | 1.0 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 54.0 | 0.3 | 0.3 | 0.3 | 0.9 | 0.9 | 1.0 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 55.0 | 0.3 | 0.3 | 0.3 | 0.9 | 0.9 | 1.0 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 56.0 | 0.3 | 0.3 | 0.3 | 0.9 | 0.9 | 1.0 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 57.0 | 0.3 | 0.3 | 0.3 | 0.9 | 0.9 | 1.0 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 58.0 | 0.3 | 0.3 | 0.3 | 0.9 | 0.9 | 1.0 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 59.0 | 0.3 | 0.3 | 0.3 | 0.9 | 0.9 | 1.0 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 60.0 | 0.3 | 0.3 | 0.3 | 0.9 | 0.9 | 1.0 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | | | | | | | | | | |

CEILING VERSUS VISIBILITY

73-62

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

• *Journal of the American Medical Association*

[illegible]TOTAL NUMBER OF OBSERVATIONS 540

USAF FTA 0-14-5 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOCAL CLIMATOLOGY BRANCH
DIRECTOR
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2204-00 WILLYTHEVILLE AFB AR

73-80

514

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1000-1000

| CEILING
FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 15.1 | 31.5 | 42.7 | 43.8 | 44.3 | 44.7 | 45.3 | 45.9 | 46.7 | 46.3 | 46.2 | 46.2 | 46.3 | 46.3 | 46.3 | 46.3 | 46.4 |
| 15.4 | 42.4 | 45.6 | 46.6 | 47.1 | 47.6 | 48.2 | 48.8 | 48.8 | 48.9 | 49.0 | 49.2 | 49.1 | 49.1 | 49.1 | 49.1 | 49.2 |
| 15.4 | 42.4 | 45.6 | 46.6 | 47.1 | 47.7 | 48.3 | 48.9 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.2 | 49.2 | 49.2 | 49.3 |
| 15.4 | 42.4 | 45.6 | 46.6 | 47.1 | 47.7 | 48.3 | 48.9 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.2 | 49.2 | 49.2 | 49.3 |
| 15.5 | 42.5 | 47.7 | 48.7 | 49.2 | 49.8 | 49.4 | 49.5 | 49.6 | 49.6 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.8 |
| 15.8 | 43.1 | 46.3 | 47.3 | 47.9 | 48.5 | 49.1 | 49.7 | 49.8 | 49.8 | 49.9 | 49.9 | 49.9 | 50.1 | 50.1 | 50.1 | 50.2 |
| 16.7 | 48.7 | 51.3 | 51.6 | 52.7 | 53.3 | 53.8 | 54.4 | 54.8 | 54.8 | 54.8 | 54.7 | 54.7 | 54.8 | 54.8 | 54.8 | 54.9 |
| 16.8 | 48.9 | 51.4 | 51.7 | 52.8 | 53.4 | 54.0 | 54.6 | 54.7 | 54.7 | 54.8 | 54.8 | 54.8 | 54.9 | 54.9 | 54.9 | 55.1 |
| 17.4 | 48.2 | 52.2 | 53.7 | 54.8 | 55.6 | 56.4 | 57.3 | 57.7 | 57.7 | 57.7 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.6 |
| 17.5 | 49.2 | 53.3 | 55.0 | 56.1 | 56.9 | 57.9 | 58.6 | 58.7 | 58.7 | 58.9 | 58.9 | 58.9 | 59.1 | 59.1 | 59.2 | 59.3 |
| 17.8 | 49.9 | 54.4 | 56.1 | 57.3 | 58.2 | 59.2 | 59.9 | 60.7 | 60.8 | 60.8 | 60.7 | 60.7 | 60.8 | 60.8 | 60.8 | 60.9 |
| 18.1 | 51.1 | 56.3 | 58.2 | 59.8 | 60.8 | 61.9 | 62.8 | 63.0 | 63.0 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 | 63.4 | 63.6 |
| 18.5 | 52.7 | 57.8 | 59.6 | 61.2 | 62.2 | 63.3 | 64.3 | 64.4 | 64.4 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.9 | 65.0 |
| 18.8 | 53.8 | 59.2 | 61.4 | 63.2 | 64.3 | 65.3 | 66.3 | 66.4 | 66.4 | 66.6 | 66.6 | 66.7 | 66.7 | 66.9 | 67.1 | 67.1 |
| 18.9 | 55.8 | 60.8 | 63.1 | 64.9 | 65.9 | 67.1 | 68.0 | 68.3 | 68.3 | 68.5 | 68.5 | 68.6 | 68.6 | 68.8 | 68.8 | 68.9 |
| 20.2 | 57.8 | 63.6 | 65.9 | 67.7 | 68.8 | 69.7 | 70.2 | 71.1 | 71.1 | 71.4 | 71.4 | 71.5 | 71.5 | 71.5 | 71.6 | 71.7 |
| 20.3 | 60.6 | 66.7 | 69.1 | 71.1 | 72.3 | 73.5 | 74.4 | 74.7 | 74.7 | 74.9 | 74.9 | 75.0 | 75.1 | 75.1 | 75.3 | 75.3 |
| 21.2 | 63.7 | 70.1 | 73.0 | 75.4 | 76.6 | 77.8 | 78.7 | 79.1 | 79.2 | 79.4 | 79.4 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 |
| 22.1 | 64.5 | 71.1 | 74.1 | 76.6 | 77.8 | 79.1 | 80.0 | 80.4 | 80.5 | 80.7 | 80.7 | 80.8 | 80.8 | 80.9 | 81.1 | 81.1 |
| 22.8 | 66.6 | 73.9 | 77.2 | 79.6 | 80.8 | 82.1 | 83.2 | 83.7 | 83.8 | 84.0 | 84.0 | 84.1 | 84.1 | 84.3 | 84.4 | 84.4 |
| 22.7 | 67.1 | 75.5 | 79.2 | 81.9 | 83.1 | 84.4 | 85.4 | 85.9 | 86.2 | 86.4 | 86.4 | 86.5 | 86.5 | 86.6 | 86.9 | 86.9 |
| 23.1 | 67.3 | 75.7 | 79.6 | 82.6 | 83.9 | 85.3 | 86.6 | 87.1 | 87.3 | 87.6 | 87.6 | 87.6 | 87.8 | 87.8 | 87.9 | 88.2 |
| 23.2 | 67.5 | 75.9 | 79.8 | 83.0 | 84.5 | 86.0 | 87.3 | 88.0 | 88.3 | 88.5 | 88.5 | 88.5 | 88.6 | 88.7 | 88.9 | 89.1 |
| 23.3 | 67.5 | 75.9 | 79.9 | 83.4 | 85.2 | 86.9 | 88.3 | 89.1 | 89.3 | 89.6 | 89.6 | 89.6 | 89.7 | 89.8 | 90.0 | 90.1 |
| 23.4 | 67.6 | 75.9 | 80.1 | 84.1 | 86.2 | 87.9 | 89.6 | 90.4 | 90.9 | 91.2 | 91.2 | 91.3 | 91.3 | 91.4 | 91.6 | 91.7 |
| 23.4 | 67.6 | 76.0 | 80.2 | 84.5 | 86.7 | 88.9 | 90.5 | 91.4 | 91.8 | 92.3 | 92.3 | 92.3 | 92.4 | 92.5 | 92.6 | 92.8 |
| 23.4 | 67.6 | 76.0 | 80.2 | 84.6 | 87.2 | 89.6 | 91.2 | 92.2 | 92.7 | 93.4 | 93.4 | 93.4 | 93.5 | 93.6 | 93.7 | 93.8 |
| 23.5 | 67.7 | 76.1 | 80.4 | 85.0 | 87.6 | 90.1 | 92.0 | 92.9 | 93.5 | 94.3 | 94.3 | 94.3 | 94.5 | 94.5 | 94.6 | 94.7 |
| 23.5 | 67.7 | 76.1 | 80.4 | 85.3 | 87.9 | 90.5 | 92.5 | 93.5 | 94.2 | 95.3 | 95.3 | 95.4 | 95.6 | 95.6 | 95.7 | 95.8 |
| 23.5 | 67.7 | 76.1 | 80.4 | 85.3 | 87.9 | 90.5 | 92.5 | 93.7 | 94.4 | 95.5 | 95.5 | 95.6 | 95.7 | 95.8 | 95.9 | 96.0 |
| 23.5 | 67.7 | 76.1 | 80.4 | 85.3 | 87.9 | 90.5 | 92.5 | 93.7 | 94.4 | 95.5 | 95.5 | 95.6 | 95.7 | 95.8 | 95.9 | 96.0 |
| 23.5 | 67.7 | 76.1 | 80.4 | 85.3 | 87.9 | 90.5 | 92.5 | 93.7 | 94.4 | 95.5 | 95.5 | 95.6 | 95.7 | 95.8 | 95.9 | 96.0 |

TOTAL NUMBER OF OBSERVATIONS 845

CEILING VERSUS VISIBILITY

73-57

62-1114

TOTAL NUMBER OF OBSERVATIONS 44

CEILING VERSUS VISIBILITY

73-52

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100-1452

TOTAL NUMBER OF OBSERVATIONS 242

CEILING VERSUS VISIBILITY

75-22

A 5-1702

TOTAL NUMBER OF OBSERVATIONS 44

UNCLASSIFIED 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

73-52

522

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

TOTAL NUMBER OF OBSERVATIONS 44

CEILING VERSUS VISIBILITY

73-57

ALL

TOTAL NUMBER OF OBSERVATIONS 5767

USAF F-AC 0-14.5 POL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

73-4

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TOTAL NUMBER OF OBSERVATIONS 92

U.S. AIR FORCE
 AIR FORCE CLIMATE LOGIC BRANCH
 AFETAC
 AIR DATA SERVICE/MAC

CEILING VERSUS VISIBILITY

10-24-57 WILLYTHEVILLE AFB, AR

73-82

4A

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

11-2-1957

| VISIBILITY
(FEET) | CEILING (FEET) | | | | | | | | | | | | | | | |
|----------------------|----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 |
| 100 | 45.2 | 46.3 | 48.7 | 46.9 | 47.7 | 47.1 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 |
| 125 | 47.1 | 51.3 | 51.0 | 51.2 | 51.1 | 51.2 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 |
| 150 | 47.1 | 50.4 | 50.8 | 51.1 | 51.2 | 51.3 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| 175 | 47.1 | 51.1 | 51.4 | 51.2 | 51.6 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 200 | 47.9 | 51.2 | 51.5 | 51.8 | 51.9 | 52.0 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 |
| 225 | 51.1 | 52.1 | 53.4 | 53.8 | 53.9 | 54.2 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 |
| 250 | 57.7 | 53.7 | 58.6 | 59.9 | 59.9 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 |
| 275 | 57.8 | 59.1 | 59.5 | 59.8 | 59.9 | 60.2 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| 300 | 61.2 | 62.5 | 62.9 | 63.2 | 63.3 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| 325 | 62.2 | 64.2 | 64.4 | 64.9 | 64.9 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| 350 | 63.0 | 64.5 | 64.9 | 65.4 | 65.5 | 65.6 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| 375 | 67.3 | 69.5 | 69.2 | 69.8 | 70.0 | 70.1 | 70.4 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| 400 | 67.3 | 71.4 | 71.8 | 72.4 | 72.5 | 72.7 | 73.3 | 73.3 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| 425 | 71.5 | 73.1 | 73.5 | 74.1 | 74.3 | 74.4 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| 450 | 77.5 | 74.4 | 75.2 | 75.7 | 75.9 | 76.0 | 76.3 | 76.3 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| 475 | 75.9 | 77.9 | 78.7 | 79.7 | 79.9 | 80.0 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| 500 | 78.8 | 81.9 | 81.9 | 82.9 | 83.1 | 83.2 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| 525 | 81.7 | 84.7 | 85.6 | 86.6 | 86.8 | 87.7 | 87.4 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 550 | 82.0 | 84.5 | 85.9 | 86.9 | 87.1 | 87.3 | 87.7 | 87.7 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| 575 | 83.9 | 86.1 | 88.1 | 89.1 | 89.5 | 89.7 | 90.1 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| 600 | 85.4 | 88.1 | 89.7 | 90.9 | 91.3 | 91.5 | 92.2 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 625 | 85.5 | 88.7 | 89.9 | 91.1 | 91.9 | 92.4 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| 650 | 85.9 | 88.7 | 90.3 | 91.6 | 92.5 | 92.9 | 93.5 | 93.5 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| 675 | 86.0 | 88.9 | 90.5 | 91.9 | 92.9 | 93.3 | 94.1 | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 700 | 86.1 | 89.7 | 90.9 | 92.5 | 93.3 | 94.2 | 95.2 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 725 | 86.3 | 89.4 | 91.2 | 93.0 | 94.4 | 94.8 | 95.6 | 95.6 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 750 | 86.5 | 89.5 | 91.3 | 93.1 | 94.5 | 94.9 | 96.0 | 96.1 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 775 | 86.5 | 89.5 | 91.3 | 93.1 | 94.6 | 95.4 | 96.5 | 96.8 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| 800 | 86.5 | 89.5 | 91.3 | 93.2 | 94.7 | 95.5 | 96.8 | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 825 | 86.5 | 89.5 | 91.3 | 93.2 | 94.7 | 95.6 | 97.0 | 97.4 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| 850 | 86.5 | 89.5 | 91.3 | 93.2 | 94.7 | 95.6 | 97.0 | 97.4 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| 875 | 86.5 | 89.5 | 91.3 | 93.2 | 94.7 | 95.6 | 97.0 | 97.4 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| 900 | 86.5 | 89.5 | 91.3 | 93.2 | 94.7 | 95.6 | 97.0 | 97.4 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |

TOTAL NUMBER OF OBSERVATIONS 537

U.S. AIR FORCE
CENTRAL CLIMATOLOGY BRANCH
WRIGHT-PATTERSON AFB
WEATHER SERVICE/40

CEILING VERSUS VISIBILITY

STATION: WRIGHT-PATTERSON AFB, OH

73-32

40

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1957-1966

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 0 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 11.2 | 37.1 | 40.7 | 42.5 | 40.8 | 43.1 | 47.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 |
| 900 | 12.2 | 42.2 | 42.2 | 45.6 | 45.6 | 45.6 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |
| 800 | 17.7 | 45.5 | 44.7 | 48.0 | 48.8 | 48.9 | 47.6 | 47.8 | 47.9 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 |
| 700 | 12.2 | 42.2 | 44.6 | 46.2 | 46.8 | 47.1 | 47.8 | 48.1 | 48.1 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 |
| 600 | 10.7 | 4.5 | 44.5 | 46.3 | 46.9 | 47.3 | 47.9 | 48.1 | 48.2 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 |
| 500 | 12.1 | 42.2 | 45.7 | 47.5 | 48.1 | 48.4 | 48.1 | 48.1 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 |
| 400 | 14.4 | 46.5 | 5.3 | 52.1 | 53.7 | 53.3 | 53.9 | 54.1 | 54.4 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| 300 | 15.1 | 47.8 | 51.7 | 53.5 | 54.4 | 54.7 | 55.3 | 55.7 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| 200 | 17.1 | 51.1 | 55.3 | 57.2 | 58.1 | 58.4 | 59.1 | 59.4 | 59.7 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| 100 | 18.2 | 52.2 | 55.7 | 58.7 | 60.6 | 60.6 | 61.1 | 61.4 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| 0 | 17.6 | 53.8 | 58.1 | 61.1 | 61.7 | 61.4 | 62.0 | 62.5 | 62.6 | 63.0 | 63.1 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| 1000 | 12.7 | 55.6 | 61.4 | 62.2 | 63.5 | 63.3 | 64.5 | 65.2 | 65.6 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| 900 | 17.4 | 58.2 | 63.7 | 65.1 | 66.2 | 66.6 | 67.3 | 68.2 | 68.6 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| 800 | 17.4 | 58.2 | 65.2 | 67.2 | 68.6 | 69.0 | 69.6 | 70.2 | 70.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| 700 | 17.7 | 6.2 | 65.8 | 67.8 | 69.0 | 69.4 | 70.1 | 71.0 | 71.4 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| 600 | 17.3 | 62.2 | 67.8 | 71.1 | 71.7 | 72.1 | 72.9 | 73.8 | 74.2 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| 500 | 18.2 | 66.3 | 72.7 | 74.9 | 76.7 | 77.2 | 77.9 | 79.5 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 400 | 12.8 | 69.6 | 76.2 | 78.7 | 81.2 | 81.6 | 82.6 | 84.4 | 84.7 | 84.8 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| 300 | 17.7 | 70.2 | 76.9 | 79.7 | 82.5 | 83.1 | 84.7 | 86.1 | 86.4 | 86.5 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| 200 | 19.1 | 71.1 | 78.4 | 81.9 | 84.9 | 85.8 | 87.3 | 89.6 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| 100 | 19.1 | 71.6 | 80.7 | 83.2 | 86.2 | 87.2 | 88.8 | 91.1 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| 0 | 19.2 | 72.1 | 81.4 | 83.6 | 86.8 | 87.7 | 89.7 | 92.1 | 92.7 | 92.8 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| 1000 | 17.3 | 73.2 | 80.5 | 83.7 | 87.0 | 87.9 | 90.0 | 92.6 | 93.1 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| 900 | 17.3 | 72.4 | 82.8 | 84.1 | 87.3 | 88.3 | 90.4 | 93.1 | 93.6 | 93.8 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| 800 | 17.3 | 72.8 | 81.0 | 84.4 | 85.1 | 89.1 | 91.3 | 94.2 | 94.8 | 94.9 | 95.2 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| 700 | 17.9 | 73.1 | 81.5 | 84.7 | 88.6 | 89.8 | 91.9 | 94.8 | 95.6 | 95.7 | 95.8 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 600 | 17.4 | 73.2 | 81.7 | 84.9 | 88.8 | 90.0 | 92.1 | 95.3 | 95.9 | 96.0 | 96.2 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| 500 | 17.4 | 73.2 | 81.7 | 84.9 | 88.8 | 90.0 | 92.2 | 95.5 | 96.3 | 96.7 | 96.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| 400 | 17.4 | 73.2 | 81.7 | 84.9 | 88.9 | 90.1 | 92.4 | 96.0 | 96.9 | 97.2 | 97.5 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 300 | 17.4 | 73.2 | 81.7 | 84.9 | 88.9 | 90.2 | 92.5 | 96.2 | 97.1 | 97.5 | 97.8 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 200 | 17.4 | 73.2 | 81.7 | 84.9 | 88.9 | 90.2 | 92.5 | 96.2 | 97.1 | 97.5 | 97.8 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 100 | 17.4 | 73.2 | 81.7 | 84.9 | 88.9 | 90.2 | 92.5 | 96.2 | 97.1 | 97.5 | 97.8 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 0 | 17.4 | 73.2 | 81.7 | 84.9 | 88.9 | 90.2 | 92.5 | 96.2 | 97.1 | 97.5 | 97.8 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |

TOTAL NUMBER OF OBSERVATIONS 972

CEILING VERSUS VISIBILITY

15-11

2. $\frac{1}{2}$ 3. $\frac{1}{2}$

— 22 —

TOTAL NUMBER OF OBSERVATIONS

USA: FBIAC 7-14-5 VOL A previous portion of this item are destroyed

CEILING VERSUS VISIBILITY

73-57

— ١٤ —

12-2-1422

• 28 •

[illegible]TOTAL NUMBER OF OBSERVATIONS 92

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAAC

CEILING VERSUS VISIBILITY

1234.6 GLYTHERVILLE AFB AL

73-57

501

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

11-2-1701

| CEILING
FEET | VISIBILITY STATISTICAL | | | | | | | | | | | | | | | |
|-----------------|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 |
| 100 | 43.8 | 44.5 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 |
| 125 | 52.5 | 53.2 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| 150 | 52.9 | 53.6 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| 175 | 53.1 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| 200 | 53.7 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| 225 | 54.5 | 55.7 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| 250 | 57.1 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| 275 | 57.2 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| 300 | 60.8 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| 325 | 61.6 | 63.6 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| 350 | 62.8 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| 375 | 64.2 | 67.2 | 67.5 | 67.7 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| 400 | 65.1 | 68.6 | 68.9 | 69.2 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| 425 | 66.6 | 70.3 | 70.6 | 71.0 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| 450 | 67.6 | 71.7 | 72.2 | 72.5 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| 475 | 71.8 | 76.1 | 76.6 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| 500 | 76.3 | 81.1 | 81.8 | 82.6 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| 525 | 78.9 | 84.2 | 85.3 | 86.6 | 86.7 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| 550 | 79.8 | 85.5 | 86.7 | 88.5 | 88.6 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| 575 | 81.1 | 87.2 | 88.6 | 90.8 | 91.1 | 91.6 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| 600 | 82.1 | 88.6 | 90.4 | 92.6 | 93.2 | 94.0 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| 625 | 82.3 | 88.9 | 91.6 | 93.2 | 94.1 | 94.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 650 | 82.5 | 89.2 | 91.3 | 94.1 | 95.1 | 95.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| 675 | 82.5 | 89.2 | 91.3 | 94.1 | 95.1 | 96.1 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| 700 | 82.5 | 89.2 | 91.3 | 94.1 | 95.3 | 96.5 | 98.1 | 98.2 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| 725 | 82.5 | 89.2 | 91.3 | 94.1 | 95.3 | 96.6 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 750 | 82.5 | 89.2 | 91.3 | 94.1 | 95.3 | 96.7 | 98.3 | 98.4 | 98.8 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 775 | 82.5 | 89.2 | 91.3 | 94.1 | 95.3 | 96.7 | 98.3 | 98.4 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 800 | 82.5 | 89.2 | 91.3 | 94.1 | 95.3 | 96.7 | 98.3 | 98.4 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 825 | 82.5 | 89.2 | 91.3 | 94.1 | 95.3 | 96.7 | 98.3 | 98.4 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 850 | 82.5 | 89.2 | 91.3 | 94.1 | 95.3 | 96.7 | 98.3 | 98.4 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 875 | 82.5 | 89.2 | 91.3 | 94.1 | 95.3 | 96.7 | 98.3 | 98.4 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 900 | 82.5 | 89.2 | 91.3 | 94.1 | 95.3 | 96.7 | 98.3 | 98.4 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 925 | 82.5 | 89.2 | 91.3 | 94.1 | 95.3 | 96.7 | 98.3 | 98.4 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 950 | 82.5 | 89.2 | 91.3 | 94.1 | 95.3 | 96.7 | 98.3 | 98.4 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 975 | 82.5 | 89.2 | 91.3 | 94.1 | 95.3 | 96.7 | 98.3 | 98.4 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 1000 | 82.5 | 89.2 | 91.3 | 94.1 | 95.3 | 96.7 | 98.3 | 98.4 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS 1701

CEILING VERSUS VISIBILITY

73-37

1-20-2020

[illegible][illegible]TOTAL NUMBER OF OBSERVATIONS 970

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

72-211

۱۰۰

| | | | | | | | | | | | | | | | |
|-------|------|------|------|--------|------|------|------|------|------|------|------|------|------|------|------|
| 11.6 | 44.1 | 48.2 | 48.6 | 46.2 | 46.1 | 46.2 | 46.3 | 46.7 | 46.7 | 46.7 | 46.3 | 46.4 | 46.4 | 46.4 | 46.6 |
| 21.1 | 51.1 | 51.3 | 51.2 | 52.2 | 52.7 | 52.5 | 52.3 | 52.5 | 52.6 | 52.6 | 52.6 | 52.5 | 52.5 | 52.7 | 52.8 |
| 31.7 | 51.3 | 51.6 | 52.2 | 52.5 | 52.6 | 52.3 | 52.3 | 52.7 | 52.7 | 52.9 | 52.9 | 53.7 | 53.2 | 53.7 | 53.7 |
| 41.7 | 50.8 | 51.5 | 52.4 | 52.7 | 52.8 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.4 |
| 51.7 | 51.0 | 52.3 | 52.9 | 53.2 | 53.3 | 53.5 | 53.0 | 53.7 | 53.6 | 53.6 | 53.6 | 53.7 | 53.7 | 53.7 | 53.8 |
| 62.3 | 52.1 | 53.4 | 54.0 | 54.3 | 54.4 | 54.6 | 54.7 | 54.7 | 54.7 | 54.9 | 54.6 | 54.8 | 54.2 | 54.9 | 55.1 |
| 72.4 | 55.6 | 57.7 | 57.7 | 58.1 | 58.4 | 58.4 | 58.4 | 58.7 | 58.5 | 58.5 | 58.5 | 58.6 | 58.6 | 58.7 | 58.9 |
| 82.7 | 58.2 | 58.7 | 58.3 | 58.7 | 58.9 | 59.2 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.3 | 59.3 | 59.3 | 59.5 |
| 92.5 | 57.6 | 61.3 | 62.1 | 62.5 | 62.7 | 62.8 | 62.9 | 63.7 | 63.1 | 63.7 | 63.7 | 63.1 | 63.1 | 63.7 | 63.4 |
| 102.1 | 60.5 | 62.2 | 63.3 | 63.8 | 63.9 | 64.1 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.4 | 64.4 | 64.4 | 64.6 |
| 112.3 | 61.7 | 63.7 | 64.6 | 65.1 | 65.3 | 65.5 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.8 | 65.8 | 65.8 | 66.1 |
| 122.1 | 64.3 | 66.7 | 67.7 | 68.3 | 68.5 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 69.1 | 69.3 |
| 132.3 | 68.2 | 68.7 | 69.6 | 70.4 | 70.6 | 70.8 | 71.0 | 71.0 | 71.1 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.4 |
| 142.5 | 67.7 | 70.5 | 71.5 | 72.2 | 72.5 | 72.7 | 73.1 | 73.2 | 73.1 | 73.1 | 73.1 | 73.1 | 73.2 | 73.2 | 73.4 |
| 152.0 | 68.9 | 71.4 | 72.0 | 73.8 | 74.3 | 74.3 | 74.5 | 74.5 | 74.6 | 74.6 | 74.6 | 74.7 | 74.7 | 74.8 | 75.1 |
| 162.2 | 71.2 | 75.3 | 76.5 | 77.4 | 77.7 | 78.2 | 78.2 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.5 | 78.5 | 78.7 |
| 172.4 | 75.7 | 79.4 | 80.7 | 81.9 | 82.1 | 82.5 | 82.8 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.1 | 83.3 |
| 182.8 | 78.5 | 82.8 | 84.5 | 85.9 | 86.2 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.3 | 87.3 | 87.4 | 87.5 |
| 192.4 | 79.0 | 83.6 | 85.2 | 86.8 | 87.1 | 87.6 | 88.1 | 88.1 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.4 | 88.6 |
| 202.1 | 80.5 | 85.7 | 87.4 | 89.4 | 89.9 | 90.5 | 91.1 | 91.1 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 | 91.6 |
| 212.5 | 81.4 | 86.4 | 89.0 | 91.1 | 91.7 | 92.4 | 93.0 | 93.0 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.4 | 93.6 |
| 222.7 | 81.8 | 87.5 | 89.6 | 91.8 | 92.5 | 92.8 | 94.0 | 94.1 | 94.3 | 94.4 | 94.4 | 94.4 | 94.5 | 94.6 | 94.6 |
| 232.1 | 82.1 | 87.8 | 89.9 | 92.3 | 93.3 | 94.0 | 94.7 | 94.8 | 95.0 | 95.1 | 95.1 | 95.1 | 95.2 | 95.3 | 95.5 |
| 242.1 | 82.2 | 88.0 | 90.2 | 92.7 | 93.4 | 94.4 | 95.3 | 95.4 | 95.6 | 95.7 | 95.7 | 95.8 | 95.8 | 95.9 | 96.2 |
| 252.1 | 82.3 | 88.7 | 90.5 | 93.2 | 94.0 | 95.2 | 96.2 | 96.3 | 96.5 | 96.5 | 96.6 | 96.6 | 96.7 | 96.8 | 97.1 |
| 262.2 | 82.4 | 89.7 | 90.6 | 93.5 | 94.4 | 95.7 | 96.3 | 97.0 | 97.1 | 97.2 | 97.2 | 97.3 | 97.4 | 97.5 | 97.8 |
| 272.1 | 82.4 | 88.3 | 91.7 | 93.6 | 94.6 | 95.9 | 97.2 | 97.4 | 97.7 | 97.9 | 97.8 | 97.9 | 98.0 | 98.1 | 98.3 |
| 282.1 | 82.4 | 86.4 | 91.7 | 93.7</ | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 7439

CEILING VERSUS VISIBILITY

१३-३३?

| Concentration of inhibitor (mole/l) | Rate of polymerization (mole/l·hr) |
|-------------------------------------|------------------------------------|
| 0 | 0.0008 |
| 0.0001 | 0.0004 |
| 0.0002 | 0.0002 |
| 0.0005 | 0.0001 |
| 0.001 | 0.0001 |

TOTAL NUMBER OF OBSERVATIONS 900

CEILING VERSUS VISIBILITY

73-57

145-146

Journal of Management Education 30(6)

TOTAL NUMBER OF OBSERVATIONS 92

LOCAL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

210-4 COLUMBIAVILLE AFB AL
STATION NAME

70-30

ARL

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

100-100

| VISIBILITY | | CEILING | | | | | | | | | | | | | | | |
|------------|-----|---------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 100 | 100 | 12.3 | 4.7 | 51.1 | 50.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| 90 | 90 | 13.4 | 54.3 | 51.1 | 61.2 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| 80 | 80 | 13.7 | 54.3 | 58.3 | 61.0 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| 70 | 70 | 13.7 | 54.2 | 57.0 | 62.1 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| 60 | 60 | 13.7 | 55.4 | 59.4 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| 50 | 50 | 13.7 | 55.3 | 61.4 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| 40 | 40 | 14.1 | 57.3 | 63.7 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| 30 | 30 | 14.1 | 57.3 | 64.2 | 65.9 | 66.0 | 66.1 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| 20 | 20 | 14.7 | 62.0 | 67.7 | 69.1 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| 10 | 10 | 15.2 | 63.6 | 69.3 | 71.1 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| 0 | 0 | 15.3 | 65.1 | 71.7 | 72.5 | 72.9 | 72.9 | 72.9 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| 100 | 100 | 15.2 | 67.3 | 73.4 | 75.5 | 76.1 | 76.1 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| 90 | 90 | 15.3 | 68.9 | 75.4 | 77.5 | 78.6 | 78.6 | 78.6 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| 80 | 80 | 17.5 | 71.1 | 77.8 | 80.0 | 81.1 | 81.2 | 81.2 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| 70 | 70 | 17.7 | 72.2 | 79.3 | 81.6 | 82.8 | 82.9 | 83.0 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| 60 | 60 | 17.1 | 74.2 | 81.7 | 83.6 | 85.1 | 85.2 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| 50 | 50 | 17.5 | 75.6 | 83.1 | 85.4 | 87.1 | 87.3 | 88.1 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| 40 | 40 | 17.6 | 77.1 | 85.0 | 87.8 | 89.3 | 89.5 | 90.4 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| 30 | 30 | 17.7 | 77.3 | 85.2 | 87.8 | 89.7 | 89.9 | 90.9 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| 20 | 20 | 17.7 | 77.8 | 86.2 | 88.9 | 90.9 | 91.1 | 92.3 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| 10 | 10 | 17.7 | 78.4 | 87.3 | 90.0 | 92.2 | 92.4 | 93.8 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| 0 | 0 | 17.7 | 78.9 | 87.9 | 91.7 | 93.0 | 93.2 | 94.5 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| 100 | 100 | 17.7 | 79.4 | 88.5 | 91.3 | 93.8 | 94.1 | 95.6 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| 90 | 90 | 17.7 | 79.6 | 88.9 | 91.6 | 94.3 | 94.7 | 96.1 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 80 | 80 | 17.7 | 79.6 | 88.9 | 91.9 | 94.4 | 94.8 | 96.2 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| 70 | 70 | 17.7 | 79.6 | 88.9 | 92.1 | 94.7 | 95.3 | 96.7 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 60 | 60 | 17.7 | 79.6 | 88.9 | 92.3 | 95.1 | 95.6 | 97.3 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 50 | 50 | 17.7 | 79.9 | 89.1 | 92.6 | 95.9 | 96.4 | 98.3 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 40 | 40 | 17.7 | 79.9 | 89.1 | 92.8 | 96.0 | 96.6 | 98.4 | 99.2 | 99.3 | 99.4 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| 30 | 30 | 17.7 | 79.9 | 89.1 | 92.8 | 96.0 | 96.6 | 98.4 | 99.2 | 99.3 | 99.4 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| 20 | 20 | 17.7 | 79.9 | 89.1 | 92.8 | 96.0 | 96.6 | 98.4 | 99.2 | 99.3 | 99.4 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| 10 | 10 | 17.7 | 79.9 | 89.1 | 92.8 | 96.0 | 96.6 | 98.4 | 99.2 | 99.3 | 99.4 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| 0 | 0 | 17.7 | 79.9 | 89.1 | 92.8 | 96.0 | 96.6 | 98.4 | 99.2 | 99.3 | 99.4 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 595

CEILING VERSUS VISIBILITY

73-62

100-44524

1. H_2O is a polar molecule.

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
CLIMATE BRANCH
ETAC
A. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: ELY HILL AFB, A

73-37

31

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

10-5-1720

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 25 | 10 | 5 | 2 | 1 | 0 |
|---------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 11.3 | 9.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 900 | 22.4 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 800 | 33.5 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 700 | 44.6 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 600 | 55.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 500 | 66.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 400 | 77.9 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 300 | 89.0 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 200 | 90.1 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 100 | 91.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 50 | 92.3 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 25 | 93.4 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 10 | 94.5 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 5 | 95.6 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 2 | 96.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 1 | 97.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 0 | 98.9 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 1000 | 99.0 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 900 | 99.1 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 800 | 99.2 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 700 | 99.3 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 600 | 99.4 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 500 | 99.5 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 400 | 99.6 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 300 | 99.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 200 | 99.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 100 | 99.9 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 50 | 100.0 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 25 | 100.0 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 10 | 100.0 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 5 | 100.0 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 2 | 100.0 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 1 | 100.0 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 0 | 100.0 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |

TOTAL NUMBER OF OBSERVATIONS 900

U.S. AIR FORCE
 U.S. AIR FORCE
 U.S. AIR FORCE

CEILING VERSUS VISIBILITY

WFO
 WFO
 WFO

73-87

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

11-7-1955

| CEILING | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 20 | 21.4 | 52.3 | 52.7 | 52.9 | 51.7 | 53.0 | 57.1 | 53.0 | 57.0 | 58.1 | 57.1 | 73.1 | 72.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| 25 | 25.1 | 51.0 | 62.0 | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.3 | 51.3 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 |
| 30 | 21.1 | 61.4 | 61.1 | 52.1 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| 35 | 20.1 | 51.7 | 62.1 | 62.2 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| 40 | 20.2 | 61.4 | 62.7 | 57.6 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| 45 | 27.1 | 63.4 | 64.1 | 54.6 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| 50 | 27.2 | 63.3 | 64.9 | 57.3 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| 55 | 27.3 | 64.7 | 69.2 | 57.7 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| 60 | 29.3 | 72.5 | 73.7 | 73.7 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| 65 | 32.1 | 74.3 | 75.2 | 75.4 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| 70 | 31.4 | 76.0 | 76.1 | 77.3 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| 75 | 31.7 | 77.1 | 81.1 | 80.7 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| 80 | 31.1 | 80.0 | 81.2 | 82.1 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| 85 | 32.1 | 82.3 | 84.6 | 85.4 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| 90 | 32.2 | 84.0 | 85.5 | 86.9 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| 95 | 32.7 | 86.1 | 88.1 | 89.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| 100 | 33.3 | 87.7 | 91.1 | 91.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| 105 | 33.7 | 88.0 | 91.6 | 93.1 | 94.2 | 94.4 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| 110 | 33.1 | 89.2 | 91.8 | 93.3 | 94.4 | 94.7 | 94.9 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| 115 | 33.1 | 89.8 | 92.1 | 94.6 | 96.1 | 96.3 | 96.6 | 96.7 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| 120 | 33.3 | 90.3 | 93.3 | 95.2 | 97.0 | 97.2 | 97.4 | 97.7 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| 125 | 33.1 | 90.6 | 93.7 | 95.6 | 97.6 | 97.8 | 98.0 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 130 | 33.4 | 90.8 | 94.1 | 95.9 | 97.9 | 98.1 | 98.3 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 135 | 33.1 | 90.8 | 94.1 | 96.0 | 98.1 | 98.3 | 98.9 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 140 | 33.3 | 90.8 | 94.1 | 96.0 | 98.1 | 98.3 | 98.9 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 145 | 33.3 | 90.8 | 94.1 | 96.0 | 98.1 | 98.3 | 98.9 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 150 | 33.3 | 90.8 | 94.1 | 96.0 | 98.1 | 98.3 | 98.9 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 155 | 33.3 | 90.8 | 94.1 | 96.0 | 98.1 | 98.3 | 98.9 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 160 | 33.3 | 90.8 | 94.1 | 96.0 | 98.1 | 98.3 | 98.9 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 165 | 33.3 | 90.8 | 94.1 | 96.0 | 98.1 | 98.3 | 98.9 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 170 | 33.3 | 90.8 | 94.1 | 96.0 | 98.1 | 98.3 | 98.9 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 175 | 33.3 | 90.8 | 94.1 | 96.0 | 98.1 | 98.3 | 98.9 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 180 | 33.3 | 90.8 | 94.1 | 96.0 | 98.1 | 98.3 | 98.9 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 185 | 33.3 | 90.8 | 94.1 | 96.0 | 98.1 | 98.3 | 98.9 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 190 | 33.3 | 90.8 | 94.1 | 96.0 | 98.1 | 98.3 | 98.9 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 195 | 33.3 | 90.8 | 94.1 | 96.0 | 98.1 | 98.3 | 98.9 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 200 | 33.3 | 90.8 | 94.1 | 96.0 | 98.1 | 98.3 | 98.9 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 220

1. FAL CLIMATOLOGY BRANCH
AFETAC
2. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2234 9 DLYTHEVILLE AFB AL

73-32

APC

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

ALL

| VISIBILITY STATEMENTS | | | | | | | | | | | | | | | | |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
| 2.1 | 52.7 | 57.7 | 62.9 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| 23.1 | 52.4 | 67.5 | 68.6 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| 23.2 | 59.5 | 61.1 | 61.3 | 61.5 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| 24.3 | 52.9 | 61.1 | 61.4 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| 24.0 | 60.3 | 61.5 | 61.6 | 62.0 | 62.0 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| 24.4 | 61.5 | 62.2 | 63.1 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| 25.1 | 65.1 | 66.6 | 66.9 | 67.1 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 |
| 25.2 | 65.4 | 66.2 | 67.3 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| 26.5 | 69.0 | 70.6 | 71.1 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| 26.1 | 70.3 | 72.0 | 72.5 | 72.7 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| 27.3 | 71.6 | 73.5 | 74.0 | 74.3 | 74.3 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.6 | 74.6 | 74.6 |
| 28.1 | 74.7 | 76.7 | 77.2 | 77.6 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| 27.7 | 75.9 | 78.1 | 78.8 | 79.3 | 79.3 | 79.4 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| 29.3 | 78.4 | 80.0 | 81.5 | 82.1 | 82.2 | 82.3 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| 30.3 | 77.3 | 82.6 | 83.4 | 84.0 | 84.2 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| 30.1 | 82.4 | 85.4 | 86.3 | 87.1 | 87.2 | 87.4 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 30.7 | 84.3 | 87.6 | 88.7 | 89.6 | 89.8 | 90.1 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| 31.1 | 85.9 | 89.4 | 90.7 | 91.6 | 91.9 | 92.2 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 |
| 31.2 | 86.2 | 89.7 | 91.0 | 92.3 | 92.2 | 92.6 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| 31.3 | 87.4 | 91.1 | 92.5 | 93.7 | 94.0 | 94.5 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| 31.4 | 88.3 | 92.2 | 93.7 | 95.2 | 95.5 | 96.1 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| 31.5 | 88.7 | 92.7 | 94.3 | 95.8 | 96.2 | 96.8 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| 31.5 | 89.1 | 93.1 | 94.7 | 96.2 | 96.7 | 97.3 | 97.4 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 31.6 | 89.3 | 93.4 | 95.1 | 96.8 | 97.3 | 98.0 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 31.6 | 89.4 | 93.6 | 95.3 | 97.0 | 97.6 | 98.3 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 31.6 | 89.4 | 93.7 | 95.4 | 97.2 | 97.8 | 98.6 | 98.8 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 31.6 | 89.4 | 93.7 | 95.5 | 97.4 | 98.1 | 98.9 | 99.2 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 31.6 | 89.5 | 93.7 | 95.5 | 97.5 | 98.2 | 99.2 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 31.6 | 89.5 | 93.8 | 95.6 | 97.6 | 98.3 | 99.3 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 31.6 | 89.5 | 93.9 | 95.6 | 97.6 | 98.3 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 31.6 | 89.5 | 93.9 | 95.6 | 97.6 | 98.3 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 31.6 | 89.5 | 93.9 | 95.6 | 97.6 | 98.3 | 99.3 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 7199

U.S. AIR FORCE
METEOROLOGICAL SERVICE
ALBANY, NEW YORK

CEILING VERSUS VISIBILITY

STATION: ALBANY, NEW YORK

72-02

May

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1942-1943

| VISIBILITY IN FEET | | | | | | | | | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 59.4 | 61.1 | 62.8 | 64.5 | 66.2 | 67.9 | 69.6 | 71.3 | 73.0 | 74.7 | 76.4 | 78.1 | 79.8 | 81.5 | 83.2 | 84.9 | 86.6 |
| 61.1 | 62.8 | 64.5 | 66.2 | 67.9 | 69.6 | 71.3 | 73.0 | 74.7 | 76.4 | 78.1 | 79.8 | 81.5 | 83.2 | 84.9 | 86.6 | 88.3 |
| 62.8 | 64.5 | 66.2 | 67.9 | 69.6 | 71.3 | 73.0 | 74.7 | 76.4 | 78.1 | 79.8 | 81.5 | 83.2 | 84.9 | 86.6 | 88.3 | 89.9 |
| 64.5 | 66.2 | 67.9 | 69.6 | 71.3 | 73.0 | 74.7 | 76.4 | 78.1 | 79.8 | 81.5 | 83.2 | 84.9 | 86.6 | 88.3 | 89.9 | 91.6 |
| 66.2 | 67.9 | 69.6 | 71.3 | 73.0 | 74.7 | 76.4 | 78.1 | 79.8 | 81.5 | 83.2 | 84.9 | 86.6 | 88.3 | 89.9 | 91.6 | 93.3 |
| 67.9 | 69.6 | 71.3 | 73.0 | 74.7 | 76.4 | 78.1 | 79.8 | 81.5 | 83.2 | 84.9 | 86.6 | 88.3 | 89.9 | 91.6 | 93.3 | 94.9 |
| 69.6 | 71.3 | 73.0 | 74.7 | 76.4 | 78.1 | 79.8 | 81.5 | 83.2 | 84.9 | 86.6 | 88.3 | 89.9 | 91.6 | 93.3 | 94.9 | 96.6 |
| 71.3 | 73.0 | 74.7 | 76.4 | 78.1 | 79.8 | 81.5 | 83.2 | 84.9 | 86.6 | 88.3 | 89.9 | 91.6 | 93.3 | 94.9 | 96.6 | 98.3 |
| 73.0 | 74.7 | 76.4 | 78.1 | 79.8 | 81.5 | 83.2 | 84.9 | 86.6 | 88.3 | 89.9 | 91.6 | 93.3 | 94.9 | 96.6 | 98.3 | 99.9 |
| 74.7 | 76.4 | 78.1 | 79.8 | 81.5 | 83.2 | 84.9 | 86.6 | 88.3 | 89.9 | 91.6 | 93.3 | 94.9 | 96.6 | 98.3 | 99.9 | 100.0 |
| 76.4 | 78.1 | 79.8 | 81.5 | 83.2 | 84.9 | 86.6 | 88.3 | 89.9 | 91.6 | 93.3 | 94.9 | 96.6 | 98.3 | 99.9 | 100.0 | 100.0 |
| 78.1 | 79.8 | 81.5 | 83.2 | 84.9 | 86.6 | 88.3 | 89.9 | 91.6 | 93.3 | 94.9 | 96.6 | 98.3 | 99.9 | 100.0 | 100.0 | 100.0 |
| 79.8 | 81.5 | 83.2 | 84.9 | 86.6 | 88.3 | 89.9 | 91.6 | 93.3 | 94.9 | 96.6 | 98.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| 81.5 | 83.2 | 84.9 | 86.6 | 88.3 | 89.9 | 91.6 | 93.3 | 94.9 | 96.6 | 98.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 83.2 | 84.9 | 86.6 | 88.3 | 89.9 | 91.6 | 93.3 | 94.9 | 96.6 | 98.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 84.9 | 86.6 | 88.3 | 89.9 | 91.6 | 93.3 | 94.9 | 96.6 | 98.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 86.6 | 88.3 | 89.9 | 91.6 | 93.3 | 94.9 | 96.6 | 98.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 88.3 | 89.9 | 91.6 | 93.3 | 94.9 | 96.6 | 98.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 89.9 | 91.6 | 93.3 | 94.9 | 96.6 | 98.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 91.6 | 93.3 | 94.9 | 96.6 | 98.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 93.3 | 94.9 | 96.6 | 98.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 94.9 | 96.6 | 98.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 96.6 | 98.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 98.3 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 929

CLIMATE CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

1974-75 ELYTHEVILLE AFB AR

73-87

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1974-75

| | | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----|------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 100 | FEET | 11.4 | 4.1 | 52.2 | 55.4 | 56.3 | 57.3 | 57.8 | 58.1 | 58.1 | 58.4 | 58.4 | 58.4 | 58.4 | 58.6 | 58.6 | 58.6 |
| 90 | FEET | 22.1 | 53.3 | 55.1 | 51.6 | 62.9 | 63.9 | 64.4 | 64.7 | 64.7 | 65.1 | 65.1 | 65.1 | 65.3 | 65.7 | 65.7 | 65.7 |
| 80 | FEET | 22.1 | 53.4 | 58.2 | 61.7 | 63.0 | 64.0 | 64.5 | 64.8 | 64.8 | 65.2 | 65.2 | 65.2 | 65.4 | 65.4 | 65.4 | 65.4 |
| 70 | FEET | 22.1 | 53.4 | 58.2 | 61.7 | 63.0 | 64.0 | 64.5 | 64.8 | 64.8 | 65.2 | 65.2 | 65.2 | 65.4 | 65.4 | 65.4 | 65.4 |
| 60 | FEET | 22.1 | 53.7 | 58.4 | 61.9 | 63.2 | 64.2 | 64.8 | 65.2 | 65.2 | 65.8 | 65.8 | 65.8 | 65.8 | 65.7 | 65.7 | 65.7 |
| 50 | FEET | 22.1 | 54.7 | 59.5 | 63.1 | 64.5 | 65.5 | 66.1 | 66.5 | 66.5 | 66.8 | 66.8 | 66.8 | 66.8 | 67.2 | 67.2 | 67.2 |
| 40 | FEET | 24.3 | 58.6 | 63.9 | 66.1 | 69.7 | 70.6 | 71.4 | 71.7 | 71.7 | 72.0 | 72.0 | 72.0 | 72.3 | 72.3 | 72.3 | 72.3 |
| 30 | FEET | 24.5 | 58.8 | 64.2 | 67.4 | 72.2 | 71.2 | 71.7 | 72.1 | 72.1 | 72.4 | 72.4 | 72.4 | 72.6 | 72.6 | 72.6 | 72.6 |
| 20 | FEET | 25.2 | 62.2 | 67.7 | 72.2 | 74.0 | 75.1 | 75.9 | 76.2 | 76.2 | 76.6 | 76.6 | 76.6 | 76.8 | 76.8 | 76.8 | 76.8 |
| 10 | FEET | 26.3 | 63.7 | 69.2 | 73.7 | 75.5 | 76.6 | 77.4 | 77.7 | 77.7 | 78.1 | 78.1 | 78.1 | 78.3 | 78.3 | 78.3 | 78.3 |
| 0 | FEET | 26.3 | 64.1 | 69.7 | 74.1 | 75.9 | 77.3 | 78.2 | 78.5 | 78.5 | 78.8 | 78.8 | 78.8 | 79.0 | 79.0 | 79.0 | 79.0 |
| 100 | FEET | 28.1 | 66.3 | 72.7 | 76.6 | 78.4 | 79.8 | 80.6 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.5 | 81.5 | 81.5 |
| 90 | FEET | 28.1 | 66.6 | 72.5 | 77.1 | 79.0 | 80.4 | 81.3 | 81.5 | 81.5 | 81.9 | 81.9 | 81.9 | 81.9 | 82.2 | 82.2 | 82.2 |
| 80 | FEET | 28.2 | 66.0 | 73.9 | 76.6 | 81.3 | 82.7 | 83.8 | 84.2 | 84.2 | 84.5 | 84.5 | 84.5 | 84.5 | 84.7 | 84.7 | 84.7 |
| 70 | FEET | 28.4 | 69.1 | 75.1 | 80.1 | 82.6 | 84.0 | 85.1 | 85.6 | 85.6 | 85.9 | 85.9 | 85.9 | 86.1 | 86.1 | 86.1 | 86.1 |
| 60 | FEET | 28.9 | 70.9 | 76.9 | 81.9 | 84.5 | 86.1 | 87.2 | 87.7 | 87.7 | 88.1 | 88.1 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 |
| 50 | FEET | 29.1 | 71.6 | 77.7 | 83.7 | 85.7 | 87.7 | 88.9 | 89.7 | 89.7 | 90.0 | 90.0 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 |
| 40 | FEET | 29.5 | 72.9 | 79.1 | 84.4 | 87.6 | 89.7 | 91.0 | 91.7 | 91.8 | 92.1 | 92.2 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 |
| 30 | FEET | 29.5 | 72.7 | 79.2 | 84.6 | 87.8 | 89.7 | 91.2 | 91.9 | 92.7 | 92.4 | 92.4 | 92.4 | 92.4 | 92.6 | 92.6 | 92.6 |
| 20 | FEET | 29.5 | 73.2 | 79.6 | 84.9 | 88.5 | 90.6 | 92.0 | 92.5 | 92.5 | 93.2 | 93.2 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 |
| 10 | FEET | 29.5 | 73.4 | 80.7 | 85.6 | 89.2 | 91.5 | 93.0 | 93.5 | 93.6 | 94.2 | 94.2 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 |
| 0 | FEET | 29.5 | 74.0 | 80.6 | 86.2 | 90.0 | 92.3 | 93.8 | 94.5 | 94.6 | 94.9 | 94.9 | 94.9 | 95.2 | 95.2 | 95.2 | 95.2 |
| 100 | FEET | 29.5 | 74.4 | 81.2 | 87.0 | 91.7 | 93.2 | 94.7 | 95.5 | 95.6 | 95.9 | 95.9 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 |
| 90 | FEET | 29.5 | 74.5 | 81.5 | 87.4 | 91.4 | 93.3 | 95.7 | 96.5 | 96.6 | 97.0 | 97.0 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 |
| 80 | FEET | 29.5 | 74.6 | 81.7 | 87.5 | 91.6 | 94.0 | 96.0 | 96.8 | 96.9 | 97.3 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 |
| 70 | FEET | 29.5 | 74.6 | 81.6 | 87.6 | 91.8 | 94.3 | 96.5 | 97.2 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 | 98.0 | 98.0 | 98.0 |
| 60 | FEET | 29.5 | 74.7 | 81.7 | 87.8 | 92.2 | 94.8 | 97.2 | 98.1 | 98.1 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 |
| 50 | FEET | 29.5 | 74.8 | 81.9 | 88.2 | 92.5 | 95.2 | 97.5 | 98.3 | 98.4 | 98.8 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 |
| 40 | FEET | 29.5 | 74.9 | 81.9 | 88.2 | 92.5 | 95.2 | 97.7 | 98.6 | 98.7 | 99.2 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 |
| 30 | FEET | 29.5 | 74.9 | 81.9 | 88.2 | 92.5 | 95.2 | 97.7 | 98.6 | 98.7 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| 20 | FEET | 29.5 | 74.9 | 81.9 | 88.2 | 92.5 | 95.2 | 97.7 | 98.6 | 98.7 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| 10 | FEET | 29.5 | 74.9 | 81.9 | 88.2 | 92.5 | 95.2 | 97.7 | 98.6 | 98.7 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| 0 | FEET | 29.5 | 74.9 | 81.9 | 88.2 | 92.5 | 95.2 | 97.7 | 98.6 | 98.7 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS 737

CEILING VERSUS VISIBILITY

73-62

100-100000

TOTAL NUMBER OF OBSERVATIONS 23

USAF ETAC 0-14.5 IOL A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

LOCAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

123456 JULYTHEVILLE AFB AL

73-82

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

820-111

| | | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----|-----|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 |
| 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 |
| 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TOTAL NUMBER OF OBSERVATIONS 130

AD-A131 197

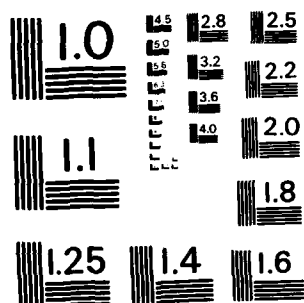
BLYTHEVILLE AFB ARKANSAS REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. JUN 83
USAFETAC/DS-83/025 SBI-AD-E850 403 F/G 4/2

3/5

UNCLASSIFIED

F/G 4/2

NL.



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

CEILING VERSUS VISIBILITY

73-87

MAY

12-2-1425

• 218 •

TOTAL NUMBER OF OBSERVATIONS _____ 975

CEILING VERSUS VISIBILITY

564

15-2-1722

TOTAL NUMBER OF OBSERVATIONS 230

CEILING VERSUS VISIBILITY

73-42

142

4-2-22

TOTAL NUMBER OF OBSERVATIONS _____ 930

CEILING VERSUS VISIBILITY

73-32

100-2220

-1-2-2222

TOTAL NUMBER OF OBSERVATIONS _____

USAF FTAC 0-14.5 POL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

123456 PLYTHEVILLE AFB AR

73-52

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

ALL

| VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CEILING (FEET) | | 200 | 26 | 32 | 38 | 44 | 50 | 56 | 62 | 68 | 74 | 80 | 86 | 92 | 98 | 104 | 110 | 116 | 122 | 128 | 134 |
| 1000 | 10.6 | 48.7 | 51.7 | 63.1 | 53.7 | 53.9 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| 900 | 1.1 | 50.0 | 52.4 | 61.1 | 61.7 | 62.1 | 62.2 | 62.3 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| 800 | 1.1 | 50.1 | 52.6 | 61.3 | 61.9 | 62.2 | 62.3 | 62.3 | 62.3 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| 700 | 1.1 | 50.2 | 52.6 | 61.3 | 62.2 | 62.3 | 62.4 | 62.4 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| 600 | 1.2 | 50.6 | 67.0 | 61.8 | 62.5 | 62.8 | 62.9 | 63.1 | 63.2 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| 500 | 21.4 | 57.2 | 61.4 | 63.1 | 63.3 | 64.1 | 64.3 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| 400 | 22.1 | 61.9 | 65.6 | 67.5 | 68.3 | 68.6 | 68.8 | 69.7 | 68.9 | 69.0 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| 300 | 22.2 | 62.2 | 65.7 | 67.9 | 68.7 | 69.1 | 69.1 | 69.3 | 69.7 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| 200 | 23.3 | 66.3 | 70.3 | 72.4 | 73.3 | 73.7 | 73.9 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 100 | 23.1 | 67.2 | 71.5 | 73.7 | 74.6 | 75.0 | 75.2 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| 0 | 24.2 | 61.0 | 70.5 | 74.8 | 75.8 | 76.2 | 76.4 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| 1000 | 24.3 | 71.7 | 75.5 | 77.2 | 78.9 | 79.2 | 79.6 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| 900 | 25.1 | 71.6 | 76.3 | 78.9 | 81.0 | 83.4 | 80.7 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| 800 | 25.5 | 74.2 | 79.3 | 82.1 | 83.5 | 83.9 | 84.3 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| 700 | 25.1 | 75.4 | 81.2 | 84.2 | 85.5 | 86.3 | 86.4 | 86.5 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| 600 | 26.2 | 77.6 | 82.3 | 86.4 | 87.8 | 88.4 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| 500 | 26.4 | 79.0 | 85.7 | 88.2 | 89.9 | 90.5 | 90.9 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| 400 | 26.7 | 80.1 | 86.5 | 89.2 | 91.8 | 92.5 | 93.3 | 93.3 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| 300 | 26.1 | 80.5 | 86.8 | 90.2 | 92.1 | 92.8 | 93.3 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| 200 | 26.1 | 81.2 | 87.5 | 91.1 | 93.3 | 94.0 | 94.6 | 94.9 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| 100 | 26.4 | 81.7 | 88.2 | 92.0 | 94.3 | 95.1 | 95.7 | 96.2 | 96.2 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| 0 | 26.2 | 82.1 | 88.7 | 92.6 | 95.7 | 96.3 | 96.7 | 97.2 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 1000 | 26.4 | 82.3 | 89.1 | 93.0 | 95.6 | 96.5 | 97.2 | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| 900 | 26.1 | 82.3 | 89.1 | 93.1 | 95.8 | 96.8 | 97.7 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| 800 | 26.7 | 82.4 | 89.2 | 93.2 | 96.0 | 97.0 | 98.0 | 98.5 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 700 | 26.3 | 82.4 | 89.2 | 93.3 | 96.1 | 97.2 | 98.2 | 98.7 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 600 | 26.7 | 82.5 | 89.3 | 93.4 | 96.3 | 97.4 | 98.4 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 500 | 26.7 | 82.5 | 89.4 | 93.5 | 96.4 | 97.5 | 98.6 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 400 | 26.1 | 82.5 | 89.4 | 93.5 | 96.4 | 97.5 | 98.7 | 99.3 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 300 | 26.1 | 82.5 | 89.4 | 93.5 | 96.4 | 97.6 | 98.7 | 99.3 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 200 | 26.7 | 82.5 | 89.4 | 93.5 | 96.4 | 97.6 | 98.7 | 99.3 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 100 | 26.7 | 82.5 | 89.4 | 93.5 | 96.4 | 97.6 | 98.7 | 99.3 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 0 | 26.7 | 82.5 | 89.4 | 93.5 | 96.4 | 97.6 | 98.7 | 99.3 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS 7479

CEILING VERSUS VISIBILITY

73-62

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

TOTAL NUMBER OF OBSERVATIONS 122

CEILING VERSUS VISIBILITY

73-57

22-222

[illegible]

TOTAL NUMBER OF OBSERVATIONS 605

CEILING VERSUS VISIBILITY

73-57

44-38861-100

Journal of Management Education 30(6)

TOTAL NUMBER OF OBSERVATIONS 255

CEILING VERSUS VISIBILITY

77-52

12-2-1422

TOTAL NUMBER OF OBSERVATIONS: 422

U.S. AIR CLIMATOLOGY BRANCH
 AFMTC
 4 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1289-1 DLYTHEVILLE AFB AL

73-10

100

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

11-1-1-1

| VISIBILITY IN FEET | | | | | | | | | | | | | | | | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 11.1 | 59.7 | 61.4 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| 11.4 | 71.3 | 72.2 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| 11.6 | 71.2 | 73.5 | 75.4 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| 11.8 | 71.2 | 73.5 | 75.4 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| 12.0 | 71.2 | 74.0 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| 12.2 | 72.4 | 75.2 | 76.9 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| 12.4 | 77.4 | 81.7 | 82.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| 12.6 | 77.4 | 81.3 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| 12.8 | 81.9 | 85.4 | 87.2 | 87.4 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 13.0 | 82.4 | 85.3 | 87.0 | 87.2 | 87.2 | 87.1 | 86.1 | 85.1 | 84.1 | 83.1 | 82.1 | 81.1 | 80.1 | 79.1 | 78.1 | 77.1 |
| 13.2 | 83.1 | 86.7 | 88.6 | 89.7 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| 13.4 | 83.8 | 87.4 | 89.3 | 89.8 | 89.9 | 90.0 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| 13.6 | 84.6 | 88.2 | 90.3 | 90.9 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| 13.8 | 86.6 | 90.8 | 93.0 | 93.8 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| 14.0 | 87.9 | 92.3 | 94.6 | 95.3 | 95.6 | 95.9 | 95.9 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 14.2 | 88.6 | 94.2 | 96.4 | 97.6 | 97.9 | 98.2 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 14.4 | 89.6 | 94.2 | 96.8 | 97.9 | 98.3 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 14.6 | 89.9 | 94.9 | 97.2 | 98.6 | 99.0 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 14.8 | 89.9 | 94.9 | 97.2 | 98.6 | 99.0 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 15.0 | 89.9 | 95.2 | 97.3 | 98.7 | 99.1 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 15.2 | 90.0 | 95.1 | 97.4 | 98.8 | 99.2 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 15.4 | 90.3 | 95.2 | 97.6 | 98.9 | 99.3 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 15.6 | 90.8 | 95.2 | 97.6 | 98.9 | 99.3 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 15.8 | 90.8 | 95.2 | 97.6 | 98.9 | 99.3 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 16.0 | 90.8 | 95.2 | 97.6 | 98.9 | 99.3 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 16.2 | 90.8 | 95.2 | 97.6 | 98.9 | 99.3 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 16.4 | 90.8 | 95.2 | 97.6 | 98.9 | 99.3 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 16.6 | 90.8 | 95.2 | 97.6 | 98.9 | 99.3 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 16.8 | 90.8 | 95.2 | 97.6 | 98.9 | 99.3 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 17.0 | 90.8 | 95.2 | 97.6 | 98.9 | 99.3 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 100

CEILING VERSUS VISIBILITY

72-42

- 1 - 2 - 2 - 2 -

TOTAL NUMBER OF OBSERVATIONS 307

CEILING VERSUS VISIBILITY

73-52

١٤٤٤

TOTAL NUMBER OF OBSERVATIONS 7199

CEILING VERSUS VISIBILITY

72-22

100-44

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ 57

CEILING VERSUS VISIBILITY

75-37

100-1000

TOTAL NUMBER OF OBSERVATIONS

LOCAL CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: WILLYTHEVILLE AFB A

73-50

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

15-2-1955

| | | VISIBILITY (MILES) | | | | | | | | | | | | | | | |
|----|-----|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 1 | 4.1 | 36.6 | 40.2 | 51.5 | 61.7 | 63.5 | 64.7 | 46.1 | 66.6 | 66.9 | 67.1 | 67.1 | 67.3 | 67.7 | 67.7 | 67.7 | 67.9 |
| 2 | 4.1 | 41.2 | 54.3 | 61.4 | 67.1 | 71.3 | 71.3 | 73.1 | 73.4 | 73.5 | 73.6 | 73.8 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| 3 | 4.1 | 41.2 | 54.7 | 61.4 | 67.1 | 71.3 | 71.3 | 73.1 | 73.4 | 73.5 | 73.6 | 73.8 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| 4 | 4.1 | 41.2 | 54.3 | 61.4 | 67.1 | 71.3 | 71.3 | 73.1 | 73.4 | 73.5 | 73.6 | 73.8 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| 5 | 4.1 | 41.5 | 54.3 | 61.7 | 67.4 | 70.6 | 71.6 | 73.1 | 73.1 | 73.9 | 74.1 | 74.1 | 74.3 | 74.7 | 74.7 | 74.7 | 74.8 |
| 6 | 4.1 | 42.5 | 55.6 | 63.2 | 69.2 | 72.0 | 74.2 | 75.7 | 76.1 | 76.2 | 76.5 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.9 |
| 7 | 4.1 | 43.7 | 61.3 | 67.8 | 75.1 | 78.6 | 80.3 | 82.0 | 82.5 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| 8 | 4.2 | 47.2 | 61.4 | 69.4 | 75.4 | 79.1 | 82.9 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| 9 | 4.3 | 50.0 | 65.7 | 73.1 | 77.4 | 83.0 | 84.8 | 86.0 | 87.0 | 87.1 | 87.3 | 87.3 | 87.3 | 87.5 | 87.5 | 87.5 | 87.7 |
| 10 | 4.2 | 51.5 | 65.7 | 73.7 | 79.9 | 83.5 | 85.4 | 87.1 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 11 | 4.4 | 51.2 | 65.3 | 74.3 | 80.6 | 84.3 | 86.1 | 87.3 | 88.3 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| 12 | 4.4 | 51.7 | 67.1 | 74.2 | 81.3 | 84.2 | 86.8 | 88.4 | 89.2 | 89.2 | 89.5 | 89.5 | 89.5 | 89.7 | 89.7 | 89.7 | 89.7 |
| 13 | 4.1 | 52.3 | 67.9 | 75.5 | 81.8 | 85.5 | 87.3 | 89.1 | 89.6 | 89.6 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.4 |
| 14 | 4.2 | 53.2 | 68.8 | 76.9 | 83.3 | 87.1 | 88.9 | 90.4 | 91.2 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| 15 | 4.5 | 53.5 | 69.2 | 77.3 | 83.8 | 87.5 | 89.5 | 91.1 | 91.7 | 91.9 | 92.2 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 16 | 4.5 | 53.8 | 69.6 | 77.7 | 84.2 | 88.1 | 90.1 | 91.4 | 92.3 | 92.6 | 92.8 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| 17 | 4.5 | 53.9 | 69.7 | 77.8 | 84.4 | 88.3 | 90.3 | 92.2 | 92.6 | 92.9 | 93.1 | 93.1 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| 18 | 4.5 | 54.7 | 70.6 | 79.1 | 85.7 | 89.6 | 91.7 | 93.5 | 94.1 | 94.3 | 94.5 | 94.5 | 94.5 | 94.7 | 94.7 | 94.7 | 94.9 |
| 19 | 4.5 | 54.7 | 70.6 | 79.1 | 85.7 | 89.6 | 91.7 | 93.5 | 94.1 | 94.3 | 94.5 | 94.5 | 94.5 | 94.7 | 94.7 | 94.7 | 94.9 |
| 20 | 4.5 | 55.3 | 71.1 | 79.8 | 86.3 | 90.2 | 92.4 | 94.2 | 94.6 | 94.9 | 95.2 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 | 95.6 |
| 21 | 4.6 | 55.7 | 71.7 | 80.4 | 87.0 | 91.0 | 93.3 | 95.2 | 95.6 | 96.0 | 96.2 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.7 |
| 22 | 4.1 | 56.2 | 72.5 | 81.4 | 89.1 | 92.3 | 94.7 | 96.6 | 97.0 | 97.4 | 97.6 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 98.1 |
| 23 | 4.1 | 56.2 | 72.5 | 81.3 | 89.0 | 92.3 | 94.7 | 96.7 | 97.0 | 97.6 | 97.6 | 97.6 | 97.8 | 98.1 | 98.1 | 98.1 | 98.3 |
| 24 | 4.1 | 56.2 | 72.5 | 81.4 | 89.2 | 92.5 | 95.2 | 97.1 | 97.5 | 98.1 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.7 |
| 25 | 4.1 | 56.6 | 72.5 | 81.8 | 89.7 | 93.1 | 95.8 | 97.8 | 98.4 | 98.8 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 |
| 26 | 4.1 | 56.6 | 72.8 | 81.8 | 89.8 | 93.2 | 95.9 | 98.1 | 98.5 | 98.9 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 |
| 27 | 4.1 | 56.6 | 72.9 | 81.9 | 89.9 | 93.3 | 96.1 | 98.2 | 98.7 | 99.1 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 28 | 4.1 | 56.6 | 72.9 | 81.9 | 89.9 | 93.3 | 96.3 | 98.4 | 98.9 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 29 | 4.1 | 56.6 | 72.9 | 81.9 | 89.9 | 93.3 | 96.3 | 98.4 | 98.9 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 30 | 4.1 | 56.6 | 72.9 | 81.9 | 89.9 | 93.3 | 96.3 | 98.4 | 98.9 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 31 | 4.1 | 56.6 | 72.9 | 81.9 | 89.9 | 93.3 | 96.3 | 98.4 | 98.9 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS 73

CEILING VERSUS VISIBILITY

72-55

44

- 22-115 -

TOTAL NUMBER OF OBSERVATIONS 72

USAF ETAC 0-14.5 POL A previous edition of this form are obsolete

CEILING VERSUS VISIBILITY

73-42

2011-2012

TOTAL NUMBER OF OBSERVATIONS 27

CEILING VERSUS VISIBILITY

٢٢-٢٣

44

100-4244

TOTAL NUMBER OF OBSERVATIONS 17

CEILING VERSUS VISIBILITY

70-47

1000

| | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1.1 | 62.5 | 67.4 | 67.6 | 68.9 | 69.1 | 69.6 | 69.3 | 69.4 | 69.1 | 69.1 | 69.5 | 69.5 | 69.1 | 69.1 |
| 2.1 | 71.1 | 72.5 | 72.8 | 72.9 | 73.1 | 73.5 | 73.7 | 73.6 | 73.4 | 73.2 | 73.2 | 73.2 | 73.1 | 73.1 |
| 3.1 | 73.1 | 75.5 | 75.8 | 77.2 | 78.1 | 78.5 | 78.7 | 78.8 | 78.5 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| 4.1 | 75.1 | 75.5 | 75.3 | 77.2 | 78.1 | 78.5 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| 5.1 | 75.1 | 75.5 | 75.8 | 77.9 | 78.3 | 78.5 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| 6.1 | 71.1 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| 7.1 | 78.6 | 83.6 | 83.3 | 85.5 | 85.6 | 86.1 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| 8.1 | 77.2 | 83.0 | 83.2 | 85.9 | 86.1 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| 9.1 | 80.6 | 85.4 | 87.6 | 89.8 | 89.9 | 90.4 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| 10.1 | 87.2 | 87.2 | 87.2 | 89.9 | 90.0 | 90.5 | 90.4 | 90.5 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| 11.1 | 87.4 | 87.4 | 87.4 | 89.3 | 91.4 | 91.4 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| 12.1 | 82.3 | 83.6 | 87.7 | 91.9 | 92.2 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| 13.1 | 82.5 | 89.1 | 92.4 | 92.5 | 93.0 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| 14.1 | 84.0 | 90.0 | 92.5 | 94.7 | 94.9 | 95.5 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 15.1 | 91.4 | 91.4 | 91.4 | 93.5 | 93.8 | 96.1 | 96.7 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 |
| 16.1 | 96.2 | 93.3 | 95.2 | 97.6 | 98.0 | 98.6 | 98.3 | 98.0 | 98.9 | 98.0 | 98.9 | 98.9 | 98.9 | 98.9 |
| 17.1 | 66.6 | 93.3 | 95.3 | 97.2 | 98.5 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 18.1 | 66.6 | 94.0 | 95.8 | 98.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 19.1 | 66.3 | 94.0 | 95.8 | 98.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 20.1 | 66.3 | 94.0 | 95.8 | 98.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 21.1 | 66.3 | 94.0 | 95.8 | 98.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 22.1 | 66.3 | 94.0 | 95.8 | 98.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 23.1 | 66.3 | 94.0 | 95.8 | 98.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 24.1 | 66.3 | 94.0 | 95.8 | 98.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 25.1 | 66.3 | 94.0 | 95.8 | 98.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 26.1 | 66.3 | 94.0 | 95.8 | 98.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 27.1 | 66.3 | 94.0 | 95.8 | 98.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 28.1 | 66.3 | 94.0 | 95.8 | 98.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 29.1 | 66.3 | 94.0 | 95.8 | 98.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 30.1 | 66.3 | 94.0 | 95.8 | 98.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 7

LOCAL CLIMATE BRANCH
 127AC
 METEOROLOGICAL SERVICE/AC

CEILING VERSUS VISIBILITY

127AC DLYTHEVILLE AFB, AL

73-57

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

ALL

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 20 | 10 | 5 | 2 | 1 | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 54.1 | 67.7 | 72.4 | 74.4 | 65.4 | 55.9 | 60.4 | 66.5 | 60.8 | 56.4 | 56.3 | 67.7 | 66.7 | 64.7 | 68.7 | 68.7 | 68.7 |
| 900 | 62.6 | 63.7 | 72.2 | 74.2 | 76.3 | 76.5 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| 800 | 62.7 | 69.4 | 72.3 | 75.0 | 76.3 | 76.5 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| 700 | 62.7 | 62.8 | 72.3 | 75.1 | 76.3 | 76.8 | 77.1 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| 600 | 63.0 | 70.1 | 72.6 | 76.3 | 76.3 | 76.2 | 77.4 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| 500 | 64.1 | 71.2 | 73.8 | 76.5 | 77.6 | 78.2 | 78.7 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| 400 | 65.0 | 76.3 | 79.3 | 80.2 | 83.3 | 83.9 | 84.5 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| 300 | 66.9 | 76.7 | 79.7 | 82.5 | 83.8 | 84.3 | 84.2 | 85.1 | 85.2 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| 200 | 71.7 | 79.7 | 82.7 | 85.6 | 86.7 | 87.4 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| 100 | 72.1 | 80.1 | 83.2 | 86.1 | 87.2 | 87.2 | 88.3 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| 50 | 72.3 | 80.3 | 83.7 | 86.6 | 87.6 | 88.5 | 89.0 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| 20 | 73.3 | 81.3 | 84.8 | 87.9 | 88.9 | 89.6 | 90.2 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| 10 | 73.5 | 81.5 | 85.1 | 88.1 | 89.2 | 89.9 | 90.5 | 90.5 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| 5 | 75.3 | 83.2 | 87.3 | 91.5 | 91.7 | 92.5 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| 2 | 75.4 | 85.1 | 88.7 | 91.9 | 93.3 | 93.8 | 94.4 | 94.5 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| 1 | 77.6 | 86.4 | 90.2 | 92.3 | 94.5 | 95.4 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| 0 | 77.8 | 86.9 | 91.6 | 93.8 | 95.3 | 95.9 | 96.3 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| 1000 | 78.3 | 87.4 | 91.2 | 94.5 | 95.7 | 96.6 | 97.3 | 97.4 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 900 | 78.4 | 87.5 | 91.3 | 94.6 | 95.8 | 96.7 | 97.4 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 800 | 78.4 | 87.5 | 91.3 | 94.6 | 95.8 | 96.7 | 97.4 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 700 | 78.4 | 87.5 | 91.3 | 94.6 | 95.8 | 96.7 | 97.4 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 600 | 78.4 | 87.5 | 91.3 | 94.6 | 95.8 | 96.7 | 97.4 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 500 | 78.4 | 87.5 | 91.3 | 94.6 | 95.8 | 96.7 | 97.4 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 400 | 78.4 | 87.5 | 91.3 | 94.6 | 95.8 | 96.7 | 97.4 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 300 | 78.4 | 87.5 | 91.3 | 94.6 | 95.8 | 96.7 | 97.4 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 200 | 78.4 | 87.5 | 91.3 | 94.6 | 95.8 | 96.7 | 97.4 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 100 | 78.4 | 87.5 | 91.3 | 94.6 | 95.8 | 96.7 | 97.4 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 50 | 78.4 | 87.5 | 91.3 | 94.6 | 95.8 | 96.7 | 97.4 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 20 | 78.4 | 87.5 | 91.3 | 94.6 | 95.8 | 96.7 | 97.4 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 10 | 78.4 | 87.5 | 91.3 | 94.6 | 95.8 | 96.7 | 97.4 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 5 | 78.4 | 87.5 | 91.3 | 94.6 | 95.8 | 96.7 | 97.4 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 2 | 78.4 | 87.5 | 91.3 | 94.6 | 95.8 | 96.7 | 97.4 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 1 | 78.4 | 87.5 | 91.3 | 94.6 | 95.8 | 96.7 | 97.4 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 0 | 78.4 | 87.5 | 91.3 | 94.6 | 95.8 | 96.7 | 97.4 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |

TOTAL NUMBER OF OBSERVATIONS 7447

CEILING VERSUS VISIBILITY

٢٢-٢٣

11-11-11

TOTAL NUMBER OF OBSERVATIONS _____

U.S. AIR FORCE
 WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

10-14-51-OL A-1 AFB A

72-22

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

10-14-51-OL A-1 AFB A

| CEILING | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 1 | 42.4 | 53.7 | 59.7 | 64.8 | 69.7 | 73.9 | 77.4 | 80.6 | 83.1 | 85.1 | 86.7 | 87.9 | 88.6 | 89.1 | 89.4 | 89.7 | 89.9 | 90.0 | 90.1 | 90.2 | 90.3 | 90.4 | 90.5 | 90.6 | 90.7 | 90.8 | 90.9 | 91.0 | 91.1 | 91.2 | 91.3 | 91.4 | 91.5 | 91.6 | 91.7 | 91.8 | 91.9 | 92.0 | 92.1 | 92.2 | 92.3 | 92.4 | 92.5 | 92.6 | 92.7 | 92.8 | 92.9 | 93.0 | 93.1 | 93.2 | 93.3 | 93.4 | 93.5 | 93.6 | 93.7 | 93.8 | 93.9 | 94.0 | 94.1 | 94.2 | 94.3 | 94.4 | 94.5 | 94.6 | 94.7 | 94.8 | 94.9 | 95.0 | 95.1 | 95.2 | 95.3 | 95.4 | 95.5 | 95.6 | 95.7 | 95.8 | 95.9 | 96.0 | 96.1 | 96.2 | 96.3 | 96.4 | 96.5 | 96.6 | 96.7 | 96.8 | 96.9 | 97.0 | 97.1 | 97.2 | 97.3 | 97.4 | 97.5 | 97.6 | 97.7 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 98.3 | 98.4 | 98.5 | 98.6 | 98.7 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.3 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 100

CEILING VERSUS VISIBILITY

— — —

522-4422

TOTAL NUMBER OF OBSERVATIONS _____ 120

CEILING VERSUS VISIBILITY

73-50

100-1100

| | | | | | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.1 | 42.1 | 51.1 | 57.5 | 61.1 | 64.4 | 61.9 | 61.5 | 61.5 | 61.5 | 61.5 | 61.4 | 61.5 | 61.1 | 61.5 | 61.5 |
| 0.2 | 48.5 | 52.4 | 65.5 | 62.1 | 72.3 | 69.6 | 69.4 | 67.8 | 67.8 | 69.8 | 67.4 | 67.4 | 68.4 | 69.5 | 69.5 |
| 0.3 | 44.9 | 53.9 | 65.3 | 69.5 | 69.5 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| 0.4 | 44.3 | 53.2 | 65.8 | 67.5 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| 0.5 | 49.6 | 59.2 | 66.7 | 72.3 | 70.6 | 70.8 | 70.9 | 70.6 | 70.6 | 70.9 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| 0.6 | 51.2 | 61.2 | 68.2 | 71.8 | 72.2 | 72.3 | 72.1 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| 0.7 | 54.9 | 66.1 | 73.3 | 77.7 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| 0.8 | 53.6 | 66.4 | 74.1 | 77.6 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| 0.9 | 53.4 | 72.4 | 77.7 | 81.6 | -1.9 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| 1.0 | 59.7 | 71.3 | 78.6 | 82.5 | 82.8 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| 1.1 | 59.7 | 71.3 | 78.6 | 82.5 | 82.9 | 83.1 | 83.1 | 83.1 | 83.2 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| 1.2 | 59.2 | 71.4 | 79.4 | 83.2 | 83.7 | 83.8 | 84.1 | 84.2 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| 1.3 | 60.2 | 71.9 | 79.7 | 83.7 | 84.1 | 84.2 | 84.4 | 84.4 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| 1.4 | 62.2 | 74.3 | 82.0 | 86.0 | 86.5 | 86.6 | 86.3 | 86.5 | 86.3 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| 1.5 | 63.2 | 75.4 | 83.4 | 87.4 | 7.3 | 88.0 | 88.2 | 88.2 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| 1.6 | 64.6 | 77.1 | 85.1 | 89.2 | 89.7 | 89.9 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| 1.7 | 64.9 | 77.4 | 85.4 | 89.7 | 90.2 | 90.5 | 90.3 | 90.8 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| 1.8 | 65.5 | 78.5 | 86.4 | 91.1 | 91.5 | 91.9 | 92.1 | 92.3 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| 1.9 | 65.8 | 79.7 | 86.9 | 91.4 | 91.9 | 92.3 | 92.6 | 92.8 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| 2.0 | 69.1 | 79.6 | 88.1 | 92.7 | 93.2 | 93.5 | 93.9 | 94.0 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| 2.1 | 66.8 | 81.3 | 89.0 | 93.9 | 94.4 | 94.7 | 95.1 | 95.2 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| 2.2 | 67.6 | 81.4 | 90.2 | 95.1 | 95.6 | 95.9 | 96.2 | 96.5 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| 2.3 | 68.0 | 82.0 | 91.3 | 96.2 | 96.8 | 97.1 | 97.4 | 97.6 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| 2.4 | 68.1 | 82.0 | 91.3 | 96.2 | 96.8 | 97.1 | 97.4 | 97.6 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| 2.5 | 68.2 | 82.7 | 91.9 | 97.0 | 98.0 | 98.3 | 98.6 | 98.8 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 2.6 | 68.2 | 82.7 | 91.9 | 97.1 | 98.4 | 98.7 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 2.7 | 68.2 | 82.7 | 91.9 | 97.1 | 98.4 | 98.7 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 2.8 | 68.2 | 82.7 | 91.9 | 97.1 | 98.4 | 98.7 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 2.9 | 68.2 | 82.7 | 91.9 | 97.1 | 98.4 | 98.7 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 3.0 | 68.2 | 82.7 | 91.9 | 97.1 | 98.4 | 98.7 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 23

CEILING VERSUS VISIBILITY

72-52

12-2-142-

TOTAL NUMBER OF OBSERVATIONS 23

CEILING VERSUS VISIBILITY

73-47

100-212

• • • • •

TOTAL NUMBER OF OBSERVATIONS _____ 7

U.S. AIR FORCE
AFSTAC
METEOROLOGICAL SERVICE/AFM

CEILING VERSUS VISIBILITY

STATION: LYTHEVILLE AFB, AL

73-42

34

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

11-10-67

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 10.0 | 50.0 | 60.4 | 65.0 | 67.6 | 67.7 | 67.9 | 67.8 | 67.3 | 67.0 | 67.0 | 67.3 | 67.3 | 67.3 | 67.0 | 67.0 |
| 10.0 | 67.3 | 77.3 | 77.0 | 75.7 | 72.3 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| 10.0 | 67.3 | 74.1 | 70.0 | 60.0 | 50.1 | 37.2 | 43.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| 10.0 | 67.3 | 74.1 | 75.0 | 60.0 | 50.1 | 37.2 | 40.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| 10.0 | 65.7 | 75.1 | 75.0 | 61.1 | 51.2 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 |
| 10.0 | 65.7 | 75.1 | 75.0 | 61.1 | 51.2 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 |
| 10.0 | 62.4 | 75.2 | 75.4 | 62.5 | 52.6 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| 10.0 | 73.0 | 80.0 | 84.3 | 86.7 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| 10.0 | 73.3 | 81.1 | 85.3 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| 10.0 | 77.0 | 84.0 | 89.0 | 91.3 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| 10.0 | 77.2 | 85.1 | 89.4 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| 10.0 | 77.6 | 85.5 | 89.9 | 92.5 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| 10.0 | 77.8 | 85.7 | 90.1 | 92.8 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| 10.0 | 77.8 | 85.7 | 90.1 | 92.8 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| 10.0 | 77.5 | 85.7 | 90.5 | 93.3 | 93.6 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| 10.0 | 75.7 | 85.7 | 92.9 | 95.7 | 96.0 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| 10.0 | 80.3 | 89.0 | 94.1 | 96.0 | 97.2 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 10.0 | 80.5 | 89.0 | 94.3 | 97.1 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| 10.0 | 80.9 | 89.7 | 94.7 | 97.6 | 98.1 | 98.3 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 10.0 | 81.0 | 89.7 | 94.9 | 97.8 | 98.3 | 98.5 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 10.0 | 81.2 | 90.1 | 95.2 | 98.2 | 98.9 | 99.2 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 10.0 | 81.2 | 90.1 | 95.2 | 98.2 | 98.9 | 99.2 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 10.0 | 81.4 | 90.3 | 95.4 | 98.4 | 99.1 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 10.0 | 81.4 | 90.3 | 95.4 | 98.4 | 99.1 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 10.0 | 81.4 | 90.3 | 95.4 | 98.4 | 99.2 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 10.0 | 81.4 | 90.3 | 95.4 | 98.4 | 99.2 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 10.0 | 81.4 | 90.3 | 95.4 | 98.4 | 99.2 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 10.0 | 81.4 | 90.3 | 95.4 | 98.4 | 99.2 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 10.0 | 81.4 | 90.3 | 95.4 | 98.4 | 99.2 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 10.0 | 81.4 | 90.3 | 95.4 | 98.4 | 99.2 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 34

CENTRAL CLIMATOLOGY BRANCH
METAC
FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1980-1 WYTHSVILLE AFB 1

73-82

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1-2-2000

| CEILING | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 85.3 | 71.1 | 74.3 | 75.2 | 76.2 | 76.2 | 76.3 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| 2 | 72.6 | 77.5 | 80.3 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| 3 | 70.6 | 77.5 | 80.3 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| 4 | 70.6 | 77.5 | 80.3 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| 5 | 71.1 | 78.1 | 80.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| 6 | 71.2 | 78.1 | 81.8 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| 7 | 73.6 | 83.9 | 86.7 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| 8 | 76.8 | 84.1 | 86.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| 9 | 78.1 | 85.4 | 88.2 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| 10 | 78.1 | 85.4 | 88.2 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| 11 | 78.1 | 85.4 | 88.2 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| 12 | 78.1 | 85.4 | 88.2 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| 13 | 78.1 | 85.4 | 88.2 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| 14 | 78.1 | 85.4 | 88.2 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| 15 | 78.1 | 85.4 | 88.2 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| 16 | 78.1 | 85.4 | 88.2 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| 17 | 78.1 | 85.4 | 88.2 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| 18 | 78.1 | 85.4 | 88.2 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| 19 | 78.1 | 85.4 | 88.2 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| 20 | 78.1 | 85.4 | 88.2 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| 21 | 78.1 | 85.4 | 88.2 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| 22 | 78.1 | 85.4 | 88.2 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| 23 | 78.1 | 85.4 | 88.2 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| 24 | 78.1 | 85.4 | 88.2 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |

TOTAL NUMBER OF OBSERVATIONS 7

LOCAL METEOROLOGICAL BRANCH
 AETAC
 METEOROLOGICAL SERVICE AREA

CEILING VERSUS VISIBILITY

STATION PLYMOUTH AFB ALA

DATE 7-20

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

ALL

| | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 11.0 | 4.7 | 57.7 | 61.9 | 62.2 | 60.2 | 66.7 | 57.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| 12.2 | 56.3 | 65.1 | 69.7 | 73.5 | 74.2 | 75.2 | 74.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| 13.0 | 55.5 | 65.7 | 69.9 | 73.7 | 74.5 | 75.4 | 75.8 | 75.5 | 76.7 | 75.1 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| 14.1 | 56.6 | 65.3 | 69.2 | 73.8 | 74.5 | 75.4 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| 15.1 | 57.1 | 65.5 | 70.6 | 74.4 | 75.2 | 76.1 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| 16.1 | 57.6 | 66.2 | 71.5 | 75.4 | 76.2 | 77.1 | 77.5 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| 17.2 | 62.1 | 71.5 | 76.4 | 81.4 | 81.3 | 82.2 | 82.7 | 82.9 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| 18.3 | 62.5 | 72.1 | 76.9 | 81.9 | 81.8 | 82.7 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| 19.3 | 65.6 | 75.4 | 80.4 | 84.6 | 85.5 | 86.5 | 87.0 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| 20.3 | 65.2 | 75.7 | 80.3 | 85.0 | 86.0 | 87.0 | 87.5 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| 21.3 | 65.7 | 76.2 | 81.1 | 85.5 | 86.5 | 87.5 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| 22.3 | 66.6 | 76.6 | 81.5 | 86.3 | 87.3 | 88.3 | 88.9 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| 23.5 | 66.7 | 76.9 | 81.9 | 86.5 | 87.5 | 88.5 | 89.1 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| 24.5 | 65.4 | 73.9 | 84.2 | 88.2 | 89.1 | 91.2 | 91.8 | 91.9 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| 25.6 | 66.2 | 76.7 | 85.2 | 89.0 | 91.3 | 92.3 | 92.9 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| 26.7 | 70.1 | 81.7 | 86.8 | 91.6 | 92.6 | 94.0 | 94.6 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| 27.7 | 71.1 | 82.1 | 87.6 | 92.9 | 94.1 | 95.3 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| 28.7 | 71.2 | 82.1 | 88.0 | 93.1 | 94.4 | 95.5 | 96.2 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| 29.7 | 71.5 | 82.4 | 88.2 | 93.6 | 94.9 | 96.1 | 96.3 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| 30.1 | 71.9 | 82.9 | 88.9 | 94.2 | 95.6 | 96.9 | 97.5 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| 31.1 | 72.1 | 83.2 | 89.2 | 94.6 | 96.1 | 97.3 | 98.2 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 32.1 | 72.2 | 83.4 | 89.5 | 94.9 | 96.4 | 97.7 | 98.4 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 33.1 | 72.3 | 83.4 | 89.6 | 95.1 | 96.5 | 97.8 | 98.5 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 34.2 | 72.4 | 83.7 | 89.8 | 95.3 | 96.9 | 98.2 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| 35.2 | 72.5 | 83.8 | 90.0 | 95.5 | 97.2 | 98.5 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 36.2 | 72.5 | 83.8 | 90.0 | 95.5 | 97.2 | 98.5 | 99.3 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 37.2 | 72.5 | 83.8 | 90.0 | 95.6 | 97.2 | 98.6 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 38.2 | 72.5 | 83.8 | 90.0 | 95.6 | 97.2 | 98.6 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 39.2 | 72.5 | 83.8 | 90.0 | 95.6 | 97.2 | 98.6 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 40.2 | 72.5 | 83.8 | 90.0 | 95.6 | 97.2 | 98.6 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS 744

CEILING VERSUS VISIBILITY

72-20

— 11 —

TOTAL NUMBER OF OBSERVATIONS 2

USAF F-4A 0-14.5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U. S. AIR FORCE
CLIMATE DIVISION
WATERLOO, IOWA
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

WATERLOO, IOWA
WATERLOO, IOWA
WATERLOO, IOWA

72-52

72-52

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

72-52

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 25 | 10 | 5 | 2 | 1 | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 21.2 | 31.4 | 36.8 | 44.7 | 48.4 | 49.2 | 54.3 | 54.7 | 58.2 | 58.6 | 58.7 | 58.4 | 57.7 | 57.7 | 57.6 | 57.6 | 57.6 |
| 900 | 22.4 | 34.4 | 40.3 | 47.6 | 50.3 | 53.2 | 58.7 | 59.2 | 61.2 | 62.1 | 62.1 | 62.7 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| 800 | 27.4 | 34.4 | 40.3 | 47.6 | 50.3 | 53.2 | 58.7 | 59.2 | 61.2 | 62.1 | 62.1 | 62.7 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| 700 | 27.4 | 34.4 | 40.3 | 47.6 | 50.3 | 53.2 | 58.7 | 59.2 | 61.2 | 62.1 | 62.1 | 62.7 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| 600 | 27.4 | 34.4 | 40.3 | 47.6 | 50.3 | 53.2 | 58.7 | 59.2 | 61.2 | 62.1 | 62.1 | 62.7 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| 500 | 27.4 | 34.4 | 40.3 | 47.6 | 50.3 | 53.2 | 58.7 | 59.2 | 61.2 | 62.1 | 62.1 | 62.7 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| 400 | 27.4 | 34.4 | 40.3 | 47.6 | 50.3 | 53.2 | 58.7 | 59.2 | 61.2 | 62.1 | 62.1 | 62.7 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| 300 | 27.4 | 34.4 | 40.3 | 47.6 | 50.3 | 53.2 | 58.7 | 59.2 | 61.2 | 62.1 | 62.1 | 62.7 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| 200 | 27.4 | 34.4 | 40.3 | 47.6 | 50.3 | 53.2 | 58.7 | 59.2 | 61.2 | 62.1 | 62.1 | 62.7 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| 100 | 27.4 | 34.4 | 40.3 | 47.6 | 50.3 | 53.2 | 58.7 | 59.2 | 61.2 | 62.1 | 62.1 | 62.7 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| 50 | 27.4 | 34.4 | 40.3 | 47.6 | 50.3 | 53.2 | 58.7 | 59.2 | 61.2 | 62.1 | 62.1 | 62.7 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| 25 | 27.4 | 34.4 | 40.3 | 47.6 | 50.3 | 53.2 | 58.7 | 59.2 | 61.2 | 62.1 | 62.1 | 62.7 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| 10 | 27.4 | 34.4 | 40.3 | 47.6 | 50.3 | 53.2 | 58.7 | 59.2 | 61.2 | 62.1 | 62.1 | 62.7 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| 5 | 27.4 | 34.4 | 40.3 | 47.6 | 50.3 | 53.2 | 58.7 | 59.2 | 61.2 | 62.1 | 62.1 | 62.7 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| 2 | 27.4 | 34.4 | 40.3 | 47.6 | 50.3 | 53.2 | 58.7 | 59.2 | 61.2 | 62.1 | 62.1 | 62.7 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| 1 | 27.4 | 34.4 | 40.3 | 47.6 | 50.3 | 53.2 | 58.7 | 59.2 | 61.2 | 62.1 | 62.1 | 62.7 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| 0 | 27.4 | 34.4 | 40.3 | 47.6 | 50.3 | 53.2 | 58.7 | 59.2 | 61.2 | 62.1 | 62.1 | 62.7 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |

TOTAL NUMBER OF OBSERVATIONS

USAF 874

12-14-50 (12-14-50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JOINT CLIMATE BRANCH
AFSTAG
WEATHER SERVICE / PAC

CEILING VERSUS VISIBILITY

LYTHEVILLE AFB, ALA

73-82

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1962-1963

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 25 | 10 | 5 | 2 | 1 | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 47.7 | 52.7 | 55.3 | 58.7 | 57.7 | 57.2 | 57.7 | 57.3 | 57.7 | 57.3 | 57.3 | 57.7 | 57.3 | 57.7 | 57.3 | 57.7 | 57.3 |
| 900 | 44.6 | 52.4 | 57.9 | 62.3 | 62.8 | 62.2 | 63.2 | 63.2 | 63.7 | 63.2 | 63.3 | 63.7 | 63.2 | 63.3 | 63.7 | 63.2 | 63.3 |
| 800 | 44.6 | 52.4 | 57.8 | 60.9 | 62.3 | 62.8 | 63.2 | 63.2 | 63.3 | 63.7 | 63.3 | 63.3 | 63.7 | 63.3 | 63.7 | 63.3 | 63.3 |
| 700 | 44.7 | 52.6 | 57.9 | 61.0 | 62.4 | 62.9 | 63.3 | 63.2 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| 600 | 44.7 | 52.6 | 57.9 | 61.0 | 62.4 | 62.9 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| 500 | 44.7 | 52.6 | 57.9 | 61.0 | 62.4 | 62.9 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| 400 | 44.7 | 52.6 | 57.9 | 61.0 | 62.4 | 62.9 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| 300 | 44.7 | 52.6 | 57.9 | 61.0 | 62.4 | 62.9 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| 200 | 44.7 | 52.6 | 57.9 | 61.0 | 62.4 | 62.9 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| 100 | 44.7 | 52.6 | 57.9 | 61.0 | 62.4 | 62.9 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| 50 | 44.7 | 52.6 | 57.9 | 61.0 | 62.4 | 62.9 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| 25 | 44.7 | 52.6 | 57.9 | 61.0 | 62.4 | 62.9 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| 10 | 44.7 | 52.6 | 57.9 | 61.0 | 62.4 | 62.9 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| 5 | 44.7 | 52.6 | 57.9 | 61.0 | 62.4 | 62.9 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| 2 | 44.7 | 52.6 | 57.9 | 61.0 | 62.4 | 62.9 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| 1 | 44.7 | 52.6 | 57.9 | 61.0 | 62.4 | 62.9 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| 0 | 44.7 | 52.6 | 57.9 | 61.0 | 62.4 | 62.9 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |

TOTAL NUMBER OF OBSERVATIONS 100

1234
FIVE

OLYMPIA AFB AR

73-61

100-1702

TOTAL NUMBER OF OBSERVATIONS 2

USAF FORM 10-1 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. ALL CLIMATELOGY BRANCH
2. TAC
3. WEATHER SERVICE/MAJ

CEILING VERSUS VISIBILITY

12-12-12 12-12-12 12-12-12

12-12-12

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

12-12-12

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| 11.7 | 50.9 | 58.4 | 58.8 | 61.1 | 61.5 | 61.6 | 61.5 | 61.1 | 61.5 | 61.1 | 61.5 | 61.5 | 61.1 | 61.5 | 61.5 |
| 14.1 | 51.2 | 64.3 | 66.3 | 69.3 | 69.8 | 70.2 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| 14.7 | 58.3 | 64.7 | 67.3 | 69.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| 14.1 | 60.2 | 64.7 | 67.1 | 68.6 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| 14.7 | 61.4 | 61.7 | 67.7 | 70.2 | 70.3 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| 14.1 | 61.7 | 66.4 | 68.2 | 71.4 | 71.3 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| 15.6 | 66.7 | 71.1 | 73.2 | 75.9 | 76.4 | 76.6 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| 15.6 | 66.2 | 70.1 | 71.2 | 75.5 | 76.4 | 75.6 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| 15.6 | 71.1 | 75.5 | 79.3 | 81.9 | 81.4 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| 17.2 | 71.2 | 77.1 | 79.4 | 82.4 | 83.2 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| 17.9 | 70.9 | 76.7 | 81.1 | 84.1 | 84.7 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| 17.3 | 74.1 | 81.1 | 82.7 | 85.2 | 86.3 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| 17.1 | 74.7 | 80.7 | 83.3 | 86.4 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| 18.2 | 75.7 | 81.2 | 84.4 | 87.3 | 88.3 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| 18.5 | 76.5 | 81.2 | 85.7 | 88.9 | 89.4 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| 19.1 | 77.5 | 84.6 | 87.3 | 91.1 | 91.7 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| 19.3 | 79.1 | 86.1 | 88.9 | 92.8 | 93.4 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| 20.1 | 79.9 | 86.2 | 90.3 | 94.2 | 95.1 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| 20.1 | 80.1 | 87.1 | 90.8 | 94.4 | 95.3 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 20.3 | 81.4 | 87.4 | 91.2 | 95.1 | 96.1 | 97.2 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| 20.3 | 81.4 | 89.9 | 92.6 | 96.7 | 97.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 20.4 | 81.6 | 89.1 | 92.7 | 97.3 | 98.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| 20.7 | 81.7 | 89.1 | 92.8 | 97.2 | 98.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| 21.1 | 81.8 | 89.2 | 92.9 | 97.3 | 98.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 21.7 | 81.8 | 89.2 | 92.9 | 97.6 | 98.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 21.7 | 81.8 | 89.2 | 92.9 | 97.7 | 98.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 21.7 | 81.8 | 89.2 | 92.9 | 97.7 | 98.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 21.7 | 81.8 | 89.2 | 92.9 | 97.7 | 98.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 21.7 | 81.8 | 89.2 | 92.9 | 97.7 | 98.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 21.7 | 81.8 | 89.2 | 92.9 | 97.7 | 98.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 21.7 | 81.8 | 89.2 | 92.9 | 97.7 | 98.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS _____

LOCAL CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-5
LYTHEVILLE AFB

73-57

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

11-2-2100

| CEILING | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
|---------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1.5 | 89.4 | 84.4 | 85.7 | 69.7 | 69.1 | 69.7 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| 12.1 | 83.7 | 68.6 | 71.2 | 73.8 | 74.2 | 74.3 | 74.3 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| 14.1 | 83.7 | 69.6 | 71.3 | 73.8 | 74.2 | 74.3 | 74.3 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| 17.1 | 83.7 | 69.6 | 71.3 | 73.8 | 74.2 | 74.3 | 74.3 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| 18.1 | 84.1 | 70.7 | 71.4 | 74.2 | 74.7 | 74.8 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| 19.3 | 69.1 | 71.1 | 72.4 | 73.2 | 75.2 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| 20.4 | 69.1 | 71.1 | 72.4 | 73.2 | 75.2 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| 21.4 | 69.1 | 71.1 | 72.4 | 73.2 | 75.2 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| 22.3 | 71.1 | 75.8 | 80.0 | 83.3 | 84.1 | 84.7 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| 22.3 | 72.1 | 75.1 | 80.2 | 83.6 | 84.3 | 84.9 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| 22.3 | 73.3 | 77.9 | 81.4 | 85.0 | 85.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| 22.3 | 74.3 | 81.1 | 82.7 | 85.6 | 87.4 | 88.0 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| 22.3 | 74.3 | 81.1 | 82.7 | 85.6 | 87.4 | 88.0 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| 23.1 | 75.4 | 82.2 | 83.9 | 83.0 | 83.9 | 89.4 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| 23.3 | 77.1 | 83.7 | 85.7 | 86.8 | 90.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| 23.3 | 77.3 | 84.0 | 86.7 | 91.0 | 91.9 | 92.4 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| 24.1 | 77.3 | 85.6 | 88.4 | 93.0 | 93.9 | 94.4 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| 24.2 | 77.9 | 87.2 | 89.2 | 93.9 | 94.9 | 95.6 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| 24.2 | 78.1 | 87.4 | 89.4 | 94.1 | 95.1 | 95.8 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| 24.3 | 78.1 | 88.7 | 90.1 | 94.9 | 95.8 | 96.3 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| 24.3 | 78.7 | 89.4 | 91.7 | 95.3 | 96.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| 25.2 | 81.3 | 89.2 | 91.4 | 96.1 | 97.1 | 99.1 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 25.6 | 81.9 | 89.9 | 92.0 | 96.7 | 97.7 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 25.6 | 81.9 | 89.9 | 92.0 | 96.7 | 97.7 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 25.7 | 82.0 | 89.9 | 92.2 | 97.0 | 98.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 25.7 | 82.0 | 89.9 | 92.2 | 97.0 | 98.2 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 25.7 | 82.0 | 89.9 | 92.2 | 97.0 | 98.2 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 25.7 | 82.0 | 89.9 | 92.2 | 97.0 | 98.2 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 700

U.S. AIR FORCE
 AIR FORCE
 WEATHER SERVICE

CEILING VERSUS VISIBILITY

STATION: WHEELING AFB, W. VA.

DATE: 7-22

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

ALL

| | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 11.7 | 47.6 | 51.7 | 51.2 | 51.3 | 51.1 | 51.2 | 50.4 | 50.4 | 51.2 | 51.7 | 51.3 | 51.3 | 51.4 | 51.4 | 51.4 |
| 11.2 | 52.2 | 53.2 | 51.2 | 54.2 | 53.4 | 53.2 | 57.3 | 57.4 | 57.7 | 57.9 | 57.3 | 58.2 | 58.2 | 58.1 | 58.1 |
| 11.2 | 52.7 | 51.7 | 51.4 | 54.7 | 55.5 | 55.6 | 57.5 | 57.5 | 57.9 | 58.0 | 58.0 | 58.1 | 58.2 | 58.2 | 58.2 |
| 11.2 | 52.1 | 53.4 | 51.4 | 54.2 | 55.2 | 55.7 | 57.5 | 57.2 | 57.2 | 58.1 | 58.1 | 58.1 | 58.2 | 58.2 | 58.2 |
| 11.7 | 53.1 | 55.7 | 51.8 | 55.1 | 55.3 | 57.7 | 57.9 | 58.1 | 58.2 | 58.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.7 |
| 11.1 | 54.2 | 55.2 | 53.2 | 56.2 | 57.4 | 57.5 | 59.3 | 59.5 | 59.5 | 59.8 | 59.9 | 59.9 | 70.1 | 70.1 | 70.1 |
| 12.1 | 55.2 | 54.2 | 57.5 | 71.7 | 72.7 | 73.4 | 74.3 | 74.4 | 74.7 | 74.9 | 74.9 | 74.9 | 75.0 | 75.0 | 75.1 |
| 12.2 | 55.2 | 54.2 | 57.2 | 71.7 | 72.6 | 73.3 | 74.3 | 74.3 | 74.3 | 75.2 | 75.2 | 75.3 | 75.4 | 75.4 | 75.4 |
| 13.1 | 52.3 | 51.5 | 71.9 | 74.1 | 77.1 | 78.5 | 79.5 | 79.7 | 80.0 | 80.2 | 80.2 | 80.2 | 80.3 | 80.3 | 80.4 |
| 13.1 | 52.2 | 54.2 | 72.5 | 75.7 | 77.2 | 79.2 | 82.4 | 82.5 | 82.9 | 81.1 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 |
| 13.3 | 53.1 | 57.3 | 73.3 | 77.7 | 78.6 | 80.7 | 81.5 | 81.7 | 82.0 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| 13.2 | 54.1 | 72.2 | 74.5 | 79.1 | 80.5 | 81.2 | 81.1 | 81.2 | 81.2 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| 13.7 | 54.5 | 71.5 | 75.1 | 77.8 | 80.9 | 82.4 | 83.7 | 83.8 | 84.3 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.7 |
| 13.1 | 55.7 | 72.2 | 76.2 | 81.5 | 82.2 | 84.5 | 85.8 | 86.6 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.7 | 86.7 |
| 14.3 | 56.7 | 74.0 | 77.8 | 82.3 | 84.2 | 85.8 | 87.1 | 87.7 | 87.7 | 87.8 | 87.9 | 87.9 | 88.1 | 88.1 | 88.1 |
| 14.2 | 57.4 | 75.1 | 78.9 | 84.0 | 85.4 | 87.2 | 88.4 | 88.5 | 88.9 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.4 |
| 14.7 | 58.4 | 75.1 | 80.2 | 85.5 | 85.9 | 88.5 | 89.9 | 90.1 | 90.5 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 91.0 |
| 14.2 | 59.1 | 77.1 | 81.3 | 86.8 | 88.3 | 90.1 | 91.7 | 91.9 | 92.2 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.7 |
| 14.7 | 59.3 | 77.3 | 81.7 | 87.2 | 88.7 | 90.5 | 92.1 | 92.7 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.1 |
| 14.1 | 70.0 | 78.3 | 82.8 | 88.5 | 91.2 | 92.1 | 93.7 | 93.8 | 94.3 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.7 |
| 15.1 | 70.7 | 79.3 | 83.9 | 89.6 | 91.2 | 93.3 | 95.0 | 95.7 | 95.6 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 96.1 |
| 15.1 | 71.3 | 79.9 | 84.6 | 90.5 | 92.2 | 94.3 | 96.1 | 96.2 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 97.1 | 97.1 |
| 15.2 | 71.5 | 80.7 | 85.0 | 91.0 | 92.6 | 94.8 | 96.5 | 96.8 | 97.3 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.7 |
| 15.2 | 71.6 | 80.2 | 85.1 | 91.1 | 92.8 | 95.1 | 96.9 | 97.1 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 15.2 | 71.6 | 80.3 | 85.2 | 91.4 | 93.1 | 95.5 | 97.3 | 97.5 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| 15.2 | 71.7 | 80.4 | 85.3 | 91.6 | 93.4 | 95.8 | 97.7 | 97.9 | 98.3 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.8 |
| 15.3 | 71.7 | 80.5 | 85.4 | 91.7 | 93.5 | 96.1 | 98.1 | 98.3 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| 15.3 | 71.7 | 80.5 | 85.4 | 91.8 | 93.6 | 96.3 | 98.3 | 98.5 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 15.3 | 71.7 | 80.5 | 85.4 | 91.8 | 93.7 | 96.3 | 98.4 | 98.6 | 98.9 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 15.3 | 71.7 | 80.5 | 85.4 | 91.8 | 93.7 | 96.3 | 98.4 | 98.7 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 15.3 | 71.7 | 80.5 | 85.4 | 91.8 | 93.7 | 96.3 | 98.4 | 98.7 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |

TOTAL NUMBER OF OBSERVATIONS 7200

CEILING VERSUS VISIBILITY

72-22

— — — — —

[illegible]TOTAL NUMBER OF OBSERVATIONS 17

14-00000

U. S. AIR FORCE
METEOROLOGICAL SERVICE
WALLINGFORD, CONNECTICUT

CEILING VERSUS VISIBILITY

STATION: WYTHEVILLE, W. VA.

72-21

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

FORM 110

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 25 | 10 | 5 | 2 | 1 | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| 900 | 62.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| 800 | 62.7 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| 700 | 62.7 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| 600 | 63.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| 500 | 63.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| 400 | 63.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| 300 | 63.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| 200 | 63.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| 100 | 63.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| 50 | 63.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| 25 | 63.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| 10 | 63.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| 5 | 63.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| 2 | 63.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| 1 | 63.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| 0 | 63.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |

TOTAL NUMBER OF OBSERVATIONS 21

CEILING VERSUS VISIBILITY

73-21

100-100000

| | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 14.4 | 61.0 | 63.2 | 63.5 | 67.9 | 65.0 | 63.7 | 63.5 | 67.4 | 63.1 | 67.0 | 62.5 | 63.0 | 67.7 | 65.0 |
| 14.4 | 62.7 | 71.2 | 71.9 | 72.6 | 72.2 | 72.6 | 72.2 | 72.4 | 72.9 | 72.6 | 71.2 | 72.1 | 72.4 | 72.1 |
| 14.4 | 62.9 | 72.4 | 72.9 | 72.6 | 72.5 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.7 | 72.7 | 72.9 | 72.9 |
| 14.4 | 63.2 | 72.4 | 72.2 | 72.2 | 72.2 | 72.9 | 70.9 | 72.5 | 72.4 | 72.9 | 72.2 | 72.9 | 72.9 | 72.2 |
| 15.0 | 61.1 | 71.7 | 71.3 | 71.7 | 71.5 | 71.0 | 71.0 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| 15.0 | 60.9 | 71.4 | 71.9 | 71.9 | 71.9 | 71.2 | 71.2 | 71.7 | 71.7 | 71.9 | 71.2 | 71.4 | 71.9 | 71.7 |
| 15.0 | 73.5 | 75.7 | 76.2 | 75.7 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| 16.2 | 74.5 | 75.7 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| 16.6 | 77.7 | 79.7 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| 16.6 | 79.4 | 82.1 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| 16.6 | 79.6 | 81.1 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| 16.6 | 81.2 | 83.7 | 84.3 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| 16.6 | 81.4 | 84.1 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| 17.1 | 83.3 | 86.0 | 86.2 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| 17.1 | 84.4 | 87.7 | 87.8 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| 17.6 | 86.9 | 89.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| 17.7 | 88.1 | 91.2 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| 17.7 | 89.5 | 92.1 | 93.7 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| 17.7 | 89.7 | 92.1 | 94.3 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| 17.7 | 90.6 | 94.1 | 95.4 | 95.8 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| 17.7 | 91.4 | 94.1 | 96.4 | 97.6 | 97.7 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| 17.7 | 91.7 | 95.7 | 97.4 | 98.4 | 98.6 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| 17.7 | 91.8 | 95.7 | 97.3 | 98.7 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| 17.7 | 91.3 | 95.6 | 97.6 | 98.7 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| 17.7 | 91.5 | 95.6 | 97.6 | 98.7 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| 17.7 | 91.3 | 95.6 | 97.7 | 98.8 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| 17.7 | 91.6 | 95.6 | 97.8 | 98.9 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 17.7 | 91.3 | 95.6 | 97.8 | 98.9 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 17.7 | 91.8 | 95.4 | 97.8 | 98.9 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 17.7 | 91.4 | 95.5 | 97.8 | 98.9 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS _____ 7

SA: 114 114.5 115 115.5 116 116.5 117 117.5 118 118.5 119 119.5 120 120.5 121 121.5 122 122.5 123 123.5 124 124.5 125 125.5 126 126.5 127 127.5 128 128.5 129 129.5 130 130.5 131 131.5 132 132.5 133 133.5 134 134.5 135 135.5 136 136.5 137 137.5 138 138.5 139 139.5 140 140.5 141 141.5 142 142.5 143 143.5 144 144.5 145 145.5 146 146.5 147 147.5 148 148.5 149 149.5 150 150.5 151 151.5 152 152.5 153 153.5 154 154.5 155 155.5 156 156.5 157 157.5 158 158.5 159 159.5 160 160.5 161 161.5 162 162.5 163 163.5 164 164.5 165 165.5 166 166.5 167 167.5 168 168.5 169 169.5 170 170.5 171 171.5 172 172.5 173 173.5 174 174.5 175 175.5 176 176.5 177 177.5 178 178.5 179 179.5 180 180.5 181 181.5 182 182.5 183 183.5 184 184.5 185 185.5 186 186.5 187 187.5 188 188.5 189 189.5 190 190.5 191 191.5 192 192.5 193 193.5 194 194.5 195 195.5 196 196.5 197 197.5 198 198.5 199 199.5 200 200.5 201 201.5 202 202.5 203 203.5 204 204.5 205 205.5 206 206.5 207 207.5 208 208.5 209 209.5 210 210.5 211 211.5 212 212.5 213 213.5 214 214.5 215 215.5 216 216.5 217 217.5 218 218.5 219 219.5 220 220.5 221 221.5 222 222.5 223 223.5 224 224.5 225 225.5 226 226.5 227 227.5 228 228.5 229 229.5 230 230.5 231 231.5 232 232.5 233 233.5 234 234.5 235 235.5 236 236.5 237 237.5 238 238.5 239 239.5 240 240.5 241 241.5 242 242.5 243 243.5 244 244.5 245 245.5 246 246.5 247 247.5 248 248.5 249 249.5 250 250.5 251 251.5 252 252.5 253 253.5 254 254.5 255 255.5 256 256.5 257 257.5 258 258.5 259 259.5 260 260.5 261 261.5 262 262.5 263 263.5 264 264.5 265 265.5 266 266.5 267 267.5 268 268.5 269 269.5 270 270.5 271 271.5 272 272.5 273 273.5 274 274.5 275 275.5 276 276.5 277 277.5 278 278.5 279 279.5 280 280.5 281 281.5 282 282.5 283 283.5 284 284.5 285 285.5 286 286.5 287 287.5 288 288.5 289 289.5 290 290.5 291 291.5 292 292.5 293 293.5 294 294.5 295 295.5 296 296.5 297 297.5 298 298.5 299 299.5 300 300.5 301 301.5 302 302.5 303 303.5 304 304.5 305 305.5 306 306.5 307 307.5 308 308.5 309 309.5 310 310.5 311 311.5 312 312.5 313 313.5 314 314.5 315 315.5 316 316.5 317 317.5 318 318.5 319 319.5 320 320.5 321 321.5 322 322.5 323 323.5 324 324.5 325 325.5 326 326.5 327 327.5 328 328.5 329 329.5 330 330.5 331 331.5 332 332.5 333 333.5 334 334.5 335 335.5 336 336.5 337 337.5 338 338.5 339 339.5 340 340.5 341 341.5 342 342.5 343 343.5 344 344.5 345 345.5 346 346.5 347 347.5 348 348.5 349 349.5 350 350.5 351 351.5 352 352.5 353 353.5 354 354.5 355 355.5 356 356.5 357 357.5 358 358.5 359 359.5 360 360.5 361 361.5 362 362.5 363 363.5 364 364.5 365 365.5 366 366.5 367 367.5 368 368.5 369 369.5 370 370.5 371 371.5 372 372.5 373 373.5 374 374.5 375 375.5 376 376.5 377 377.5 378 378.5 379 379.5 380 380.5 381 381.5 382 382.5 383 383.5 384 384.5 385 385.5 386 386.5 387 387.5 388 388.5 389 389.5 390 390.5 391 391.5 392 392.5 393 393.5 394 394.5 395 395.5 396 396.5 397 397.5 398 398.5 399 399.5 400 400.5 401 401.5 402 402.5 403 403.5 404 404.5 405 405.5 406 406.5 407 407.5 408 408.5 409 409.5 410 410.5 411 411.5 412 412.5 413 413.5 414 414.5 415 415.5 416 416.5 417 417.5 418 418.5 419 419.5 420 420.5 421 421.5 422 422.5 423 423.5 424 424.5 425 425.5 426 426.5 427 427.5 428 428.5 429 429.5 430 430.5 431 431.5 432 432.5 433 433.5 434 434.5 435 435.5 436 436.5 437 437.5 438 438.5 439 439.5 440 440.5 441 441.5 442 442.5 443 443.5 444 444.5 445 445.5 446 446.5 447 447.5 448 448.5 449 449.5 450 450.5 451 451.5 452 452.5 453 453.5 454 454.5 455 455.5 456 456.5 457 457.5 458 458.5 459 459.5 460 460.5 461 461.5 462 462.5 463 463.5 464 464.5 465 465.5 466 466.5 467 467.5 468 468.5 469 469.5 470 470.5 471 471.5 472 472.5 473 473.5 474 474.5 475 475.5 476 476.5 477 477.5 478 478.5 479 479.5 480 480.5 481 481.5 482 482.5 483 483.5 484 484.5 485 485.5 486 486.5 487 487.5 488 488.5 489 489.5 490 490.5 491 491.5 492 492.5 493 493.5 494 494.5 495 495.5 496 496.5 497 497.5 498 498.5 499 499.5 500 500.5 501 501.5 502 502.5 503 503.5 504 504.5 505 505.5 506 506.5 507 507.5 508 508.5 509 509.5 510 510.5 511 511.5 512 512.5 513 513.5 514 514.5 515 515.5 516 516.5 517 517.5 518 518.5 519 519.5 520 520.5 521 521.5 522 522.5 5

CEILING VERSUS VISIBILITY

73-62

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ 7

USAF F-4C 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

73-57

1. *Journal of the American Medical Association*, 1997; 278: 1025-1030.

TOTAL NUMBER OF OBSERVATIONS 27

CEILING VERSUS VISIBILITY

72-11

1.1

TOTAL NUMBER OF OBSERVATIONS 244

CEILING VERSUS VISIBILITY

73-42

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

TOTAL NUMBER OF OBSERVATIONS _____ 921

SAF 514-5 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

75-40

— — — — —

TOTAL NUMBER OF OBSERVATIONS 100

1. AL CLIMATOLOGY BRANCH
 2. METAC
 3. PATH SERVICE/MAC

CEILING VERSUS VISIBILITY

1. 1245-1 2. LYTHERVILLE AFB, A

73-60

800

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

800-0000

| CEILING | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 10 | 41.7 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| 15 | 44.7 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| 20 | 44.7 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| 25 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| 30 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| 35 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| 40 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| 45 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| 50 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| 55 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| 60 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| 65 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| 70 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| 75 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| 80 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| 85 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| 90 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| 95 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| 100 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |

TOTAL NUMBER OF OBSERVATIONS 800

CEILING VERSUS VISIBILITY

72-52

12-2-14-2

TOTAL NUMBER OF OBSERVATIONS 22

U.S. AIR FORCE
 T.O.
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

200-1 WYTHEVILLE AFB, VA

72-32

3-1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-1000

VISIBILITY STATISTICS

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| 1 | 2.1 | 52.7 | 54.7 | 54.2 | 54.4 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | |
| 2 | 2.1 | 55.1 | 57.3 | 57.7 | 58.1 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | |
| 3 | 2.1 | 55.0 | 57.3 | 57.7 | 58.0 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | |
| 4 | 2.1 | 55.1 | 57.3 | 57.7 | 58.0 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | |
| 5 | 2.1 | 55.4 | 59.1 | 59.3 | 59.7 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | |
| 6 | 2.1 | 55.2 | 59.2 | 59.1 | 59.4 | 59.7 | 59.9 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | |
| 7 | 2.1 | 61.9 | 62.7 | 63.0 | 63.3 | 63.6 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | |
| 8 | 2.1 | 61.0 | 62.9 | 63.1 | 63.4 | 63.7 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | |
| 9 | 2.1 | 64.2 | 66.4 | 67.0 | 67.3 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | |
| 10 | 2.1 | 65.2 | 67.4 | 68.3 | 68.7 | 68.9 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | |
| 11 | 2.1 | 66.9 | 69.6 | 71.6 | 71.1 | 71.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | |
| 12 | 2.1 | 69.6 | 72.3 | 73.6 | 73.9 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | |
| 13 | 2.1 | 71.3 | 74.7 | 75.4 | 75.8 | 76.0 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | |
| 14 | 2.1 | 72.7 | 75.7 | 77.1 | 77.8 | 78.0 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | |
| 15 | 2.1 | 73.2 | 76.4 | 77.9 | 78.6 | 78.8 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | |
| 16 | 2.1 | 75.3 | 78.1 | 80.6 | 81.4 | 81.9 | 82.3 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | |
| 17 | 3.0 | 77.4 | 81.7 | 83.6 | 84.4 | 85.3 | 85.4 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | |
| 18 | 31.2 | 77.7 | 82.9 | 84.6 | 85.9 | 86.6 | 87.0 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | |
| 19 | 31.2 | 77.9 | 83.1 | 85.2 | 86.3 | 87.0 | 87.4 | 88.1 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | |
| 20 | 31.4 | 77.7 | 84.2 | 86.3 | 87.4 | 88.2 | 88.7 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | |
| 21 | 31.7 | 81.1 | 85.1 | 86.7 | 89.9 | 90.7 | 91.2 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | |
| 22 | 31.7 | 81.4 | 85.9 | 89.6 | 90.8 | 91.6 | 92.3 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | |
| 23 | 31.7 | 81.4 | 87.2 | 91.3 | 91.7 | 92.0 | 93.3 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | |
| 24 | 31.7 | 81.8 | 87.6 | 92.3 | 92.1 | 93.0 | 93.9 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | |
| 25 | 31.7 | 82.0 | 87.9 | 92.9 | 93.0 | 94.0 | 95.0 | 95.3 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | |
| 26 | 31.7 | 82.1 | 87.9 | 92.9 | 93.0 | 94.0 | 95.0 | 95.3 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | |
| 27 | 31.7 | 82.1 | 87.9 | 92.9 | 93.0 | 94.0 | 95.0 | 95.3 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | |
| 28 | 31.7 | 82.3 | 88.2 | 91.2 | 93.6 | 94.6 | 96.2 | 97.3 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | |
| 29 | 31.7 | 82.3 | 88.2 | 91.2 | 93.7 | 94.7 | 96.1 | 97.7 | 99.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | |
| 30 | 31.7 | 82.3 | 88.2 | 91.2 | 93.7 | 94.7 | 96.2 | 97.8 | 99.4 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | |
| 31 | 31.7 | 82.3 | 88.2 | 91.2 | 93.7 | 94.7 | 96.2 | 97.8 | 99.4 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | |
| 32 | 31.7 | 82.3 | 88.2 | 91.2 | 93.7 | 94.7 | 96.2 | 97.8 | 99.4 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | |

TOTAL NUMBER OF OBSERVATIONS 900

JOINT CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION NAME WYTHEVILLE AFB A

73-52

1950

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

11-1-1950

| CEILING | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| 1 | 11.1 | 52.0 | 54.0 | 54.0 | 54.9 | 54.3 | 55.0 | 55.1 | 55.1 | 55.2 | 55.7 | 56.7 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | |
| 2 | 2.1 | 54.0 | 57.0 | 57.3 | 57.6 | 57.6 | 58.1 | 58.1 | 58.3 | 58.4 | 58.6 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | |
| 3 | 2.1 | 54.0 | 57.0 | 57.3 | 57.6 | 57.6 | 58.1 | 58.3 | 58.3 | 58.4 | 58.6 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | |
| 4 | 2.1 | 55.1 | 57.0 | 57.9 | 58.1 | 58.2 | 58.2 | 58.3 | 58.3 | 58.4 | 58.6 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | |
| 5 | 2.1 | 55.3 | 57.0 | 58.1 | 58.3 | 58.4 | 58.2 | 58.2 | 58.2 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | |
| 6 | 20.0 | 55.0 | 61.0 | 61.3 | 61.6 | 61.7 | 62.2 | 62.4 | 62.4 | 62.7 | 62.7 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | |
| 7 | 23.2 | 55.0 | 61.0 | 61.3 | 61.6 | 61.7 | 62.2 | 62.4 | 62.4 | 62.7 | 62.7 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | |
| 8 | 2.1 | 60.4 | 62.0 | 63.3 | 63.6 | 63.7 | 64.2 | 64.4 | 64.4 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | |
| 9 | 2.4 | 61.0 | 63.0 | 64.1 | 64.3 | 64.4 | 65.0 | 65.2 | 65.2 | 65.4 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | |
| 10 | 2.1 | 62.7 | 65.7 | 66.3 | 66.7 | 66.8 | 67.3 | 67.6 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | |
| 11 | 27.8 | 66.6 | 69.2 | 71.7 | 71.1 | 71.2 | 71.8 | 72.0 | 72.0 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | |
| 12 | 27.2 | 68.1 | 71.0 | 73.3 | 73.6 | 73.9 | 74.4 | 74.7 | 74.7 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | |
| 13 | 22.4 | 71.1 | 74.7 | 76.7 | 77.3 | 77.4 | 78.0 | 78.2 | 78.2 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | |
| 14 | 30.2 | 72.3 | 75.0 | 77.0 | 77.7 | 78.9 | 79.4 | 79.7 | 79.7 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | |
| 15 | 21.4 | 79.1 | 72.0 | 80.3 | 81.0 | 81.2 | 81.8 | 82.0 | 82.0 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | |
| 16 | 31.3 | 78.1 | 80.3 | 82.8 | 83.8 | 84.0 | 84.7 | 85.0 | 85.0 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | |
| 17 | 32.4 | 77.3 | 81.7 | 84.1 | 85.8 | 86.2 | 87.0 | 87.3 | 87.3 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | |
| 18 | 32.1 | 77.6 | 82.1 | 84.6 | 86.2 | 86.7 | 87.4 | 87.8 | 87.8 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | |
| 19 | 32.3 | 77.2 | 82.3 | 85.3 | 87.0 | 87.7 | 88.4 | 88.8 | 88.8 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | |
| 20 | 32.7 | 78.8 | 83.7 | 86.8 | 88.9 | 89.7 | 90.4 | 90.8 | 91.1 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | |
| 21 | 32.2 | 79.1 | 84.4 | 87.7 | 89.9 | 90.3 | 91.6 | 92.0 | 92.3 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | |
| 22 | 32.7 | 79.9 | 85.2 | 88.0 | 91.0 | 92.0 | 92.1 | 93.0 | 93.0 | 94.1 | 94.0 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | |
| 23 | 32.1 | 80.1 | 85.6 | 88.9 | 91.4 | 92.4 | 93.7 | 94.1 | 94.4 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | |
| 24 | 32.7 | 80.1 | 85.6 | 89.0 | 91.8 | 92.8 | 94.0 | 94.4 | 94.8 | 95.0 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | |
| 25 | 32.2 | 80.1 | 85.6 | 90.0 | 91.8 | 93.1 | 94.4 | 94.8 | 95.2 | 95.8 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | |
| 26 | 32.9 | 80.2 | 85.7 | 89.2 | 92.0 | 93.3 | 94.9 | 95.6 | 95.9 | 96.6 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | |
| 27 | 32.7 | 80.4 | 85.9 | 89.6 | 92.4 | 93.8 | 95.3 | 96.6 | 97.0 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | |
| 28 | 32.7 | 80.6 | 86.0 | 89.7 | 92.7 | 94.1 | 95.7 | 97.4 | 98.0 | 98.9 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| 29 | 32.1 | 80.6 | 86.0 | 89.7 | 92.7 | 94.1 | 95.7 | 97.6 | 98.2 | 99.2 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| 30 | 32.7 | 80.6 | 86.0 | 89.7 | 92.7 | 94.1 | 95.7 | 97.6 | 98.3 | 99.2 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

| Country | 1950 | 1960 | 1970 | 1980 |
|----------------|------|------|------|------|
| Argentina | 10 | 5 | 2 | 1 |
| Brazil | 40 | 30 | 20 | 15 |
| Canada | 5 | 3 | 2 | 1 |
| France | 5 | 3 | 2 | 1 |
| Germany | 5 | 3 | 2 | 1 |
| India | 45 | 35 | 25 | 20 |
| Italy | 5 | 3 | 2 | 1 |
| Japan | 5 | 3 | 2 | 1 |
| Mexico | 35 | 25 | 15 | 10 |
| Pakistan | 55 | 45 | 35 | 30 |
| Spain | 15 | 10 | 5 | 3 |
| Sweden | 5 | 3 | 2 | 1 |
| Switzerland | 5 | 3 | 2 | 1 |
| Taiwan | 10 | 5 | 2 | 1 |
| Thailand | 15 | 10 | 5 | 3 |
| United Kingdom | 5 | 3 | 2 | 1 |
| United States | 5 | 3 | 2 | 1 |

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24

TOTAL NUMBER OF OBSERVATIONS 7.21

USAF F-4A 0-14-5101 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13-62

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TOTAL NUMBER OF OBSERVATIONS 32

USAF (FA) 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

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TOTAL NUMBER OF OBSERVATIONS 100

UNITED STATES AIR FORCE
METAC
WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

LYTHE, ILL. AFB, ILL.

72-21

5-7

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

100-100

| CEILING | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 10 | 10.3 | 44.4 | 44.4 | 47.1 | 47.6 | 47.5 | 48.7 | 48.2 | 47.7 | 47.3 | 47.7 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| 15 | 11.5 | 47.1 | 45.1 | 47.7 | 47.3 | 47.3 | 47.6 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 |
| 20 | 11.5 | 47.5 | 47.7 | 47.7 | 47.3 | 47.3 | 47.6 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 |
| 25 | 11.5 | 47.2 | 47.8 | 47.7 | 47.3 | 47.3 | 47.6 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 |
| 30 | 11.5 | 47.5 | 47.4 | 47.4 | 47.1 | 47.1 | 47.4 | 47.5 | 47.1 | 47.7 | 47.7 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 |
| 35 | 11.5 | 48.4 | 47.1 | 47.2 | 47.3 | 47.3 | 47.2 | 47.4 | 47.4 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 |
| 40 | 11.7 | 51.7 | 57.7 | 54.7 | 55.4 | 55.4 | 55.7 | 56.0 | 56.7 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 |
| 45 | 11.5 | 52.4 | 54.4 | 53.5 | 54.1 | 54.1 | 54.5 | 54.3 | 54.3 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| 50 | 17.3 | 54.5 | 54.7 | 57.6 | 54.5 | 54.5 | 54.9 | 59.1 | 57.1 | 59.2 | 59.2 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| 55 | 17.7 | 55.2 | 57.1 | 57.4 | 57.7 | 57.7 | 57.0 | 57.3 | 57.2 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 60 | 11.5 | 55.1 | 67.7 | 61.4 | 62.0 | 62.0 | 62.4 | 62.7 | 62.7 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| 65 | 11.5 | 61.5 | 63.1 | 64.4 | 65.1 | 65.1 | 65.4 | 65.7 | 65.7 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| 70 | 11.7 | 61.7 | 64.7 | 65.9 | 66.7 | 66.8 | 67.2 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| 75 | 11.1 | 63.1 | 65.1 | 67.1 | 67.0 | 67.1 | 67.5 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| 80 | 11.5 | 64.2 | 66.1 | 68.3 | 67.2 | 67.4 | 69.8 | 70.1 | 70.1 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| 85 | 11.1 | 65.1 | 67.7 | 69.5 | 70.4 | 70.5 | 71.1 | 71.4 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| 90 | 11.5 | 66.1 | 70.9 | 72.6 | 73.8 | 74.0 | 74.5 | 74.5 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| 95 | 11.3 | 70.4 | 73.4 | 75.5 | 77.2 | 77.2 | 73.2 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| 100 | 11.5 | 72.1 | 76.5 | 78.2 | 79.9 | 80.3 | 81.8 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| 105 | 11.7 | 74.3 | 78.3 | 81.1 | 81.2 | 81.6 | 84.1 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| 110 | 12.2 | 75.5 | 79.5 | 81.6 | 83.7 | 84.1 | 85.6 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| 115 | 12.2 | 76.7 | 81.1 | 83.2 | 85.7 | 86.6 | 88.2 | 88.9 | 88.9 | 89.1 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| 120 | 12.2 | 76.9 | 81.3 | 83.5 | 86.5 | 87.4 | 89.1 | 90.4 | 90.5 | 90.2 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| 125 | 12.1 | 77.2 | 81.7 | 84.1 | 87.0 | 88.5 | 89.8 | 91.0 | 91.7 | 91.2 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| 130 | 12.3 | 77.2 | 81.7 | 84.3 | 87.4 | 88.5 | 90.4 | 91.3 | 91.8 | 91.2 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| 135 | 12.3 | 77.3 | 81.8 | 84.7 | 88.2 | 89.2 | 91.6 | 93.1 | 93.1 | 93.4 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| 140 | 12.3 | 77.3 | 81.8 | 84.7 | 88.3 | 89.4 | 91.9 | 93.8 | 93.0 | 94.5 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| 145 | 12.3 | 77.5 | 82.2 | 85.1 | 88.9 | 90.0 | 92.7 | 94.8 | 95.1 | 95.8 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| 150 | 12.3 | 77.5 | 82.2 | 85.1 | 88.9 | 90.0 | 92.7 | 94.9 | 95.6 | 96.7 | 97.2 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 155 | 12.3 | 77.5 | 82.2 | 85.1 | 88.9 | 90.0 | 92.7 | 95.2 | 95.4 | 96.9 | 97.4 | 97.5 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 160 | 12.3 | 77.5 | 82.2 | 85.1 | 88.9 | 90.0 | 92.7 | 95.2 | 95.8 | 96.9 | 97.4 | 97.5 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |

TOTAL NUMBER OF OBSERVATIONS 100

LOCAL CLIMATE BUREAU BRANCH
OFFICE
WEATHER SERVICE/FAO

CEILING VERSUS VISIBILITY

STATION LYNCHBURG AFB VA

DATE 7-1-62

SEA

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

SLIP-1100

| CEILING | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 100 | 1.7 | 41.7 | 44.2 | 45.2 | 45.7 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 |
| 110 | 11.1 | 42.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| 120 | 11.1 | 42.2 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| 130 | 11.1 | 42.2 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| 140 | 11.1 | 41.5 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 |
| 150 | 11.1 | 41.5 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 |
| 160 | 11.4 | 51.7 | 52.7 | 53.8 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| 170 | 11.1 | 51.2 | 52.2 | 53.1 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| 180 | 11.1 | 52.4 | 53.7 | 54.2 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| 190 | 12.3 | 54.7 | 57.1 | 57.2 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| 200 | 12.3 | 56.1 | 58.5 | 59.7 | 60.4 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| 210 | 13.2 | 57.4 | 61.2 | 62.1 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| 220 | 13.4 | 58.9 | 61.4 | 62.8 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| 230 | 13.2 | 57.5 | 62.1 | 64.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| 240 | 14.1 | 60.5 | 63.9 | 65.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| 250 | 14.1 | 63.2 | 67.1 | 68.5 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| 260 | 14.1 | 66.1 | 70.3 | 71.4 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| 270 | 14.1 | 68.4 | 71.4 | 75.5 | 77.7 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| 280 | 14.1 | 70.6 | 75.1 | 76.9 | 79.4 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| 290 | 14.1 | 72.0 | 77.4 | 79.4 | 82.2 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| 300 | 14.1 | 74.2 | 81.6 | 83.2 | 85.2 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| 310 | 14.1 | 75.4 | 81.7 | 84.5 | 87.6 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| 320 | 14.1 | 75.9 | 82.5 | 85.3 | 89.9 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| 330 | 14.1 | 74.1 | 82.7 | 85.5 | 89.4 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| 340 | 14.1 | 76.2 | 82.1 | 85.3 | 87.8 | 90.8 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| 350 | 14.1 | 76.2 | 82.1 | 86.2 | 91.7 | 92.5 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| 360 | 14.1 | 76.3 | 83.3 | 86.5 | 91.7 | 92.2 | 93.2 | 94.5 | 94.7 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| 370 | 14.1 | 76.3 | 83.3 | 86.5 | 91.4 | 92.3 | 93.3 | 95.2 | 95.7 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| 380 | 14.1 | 76.3 | 83.3 | 86.5 | 91.4 | 92.7 | 94.0 | 96.5 | 97.1 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| 390 | 14.1 | 76.3 | 83.3 | 86.5 | 91.4 | 92.7 | 94.0 | 96.3 | 97.4 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 400 | 14.1 | 76.3 | 83.3 | 86.5 | 91.4 | 92.7 | 94.0 | 96.3 | 97.4 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |

TOTAL NUMBER OF OBSERVATIONS 270

CEILING VERSUS VISIBILITY

73-62

244

122-142

| | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 17.1 | 43.2 | 44.1 | 44.0 | 44.0 | 44.1 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 |
| 17.3 | 44.2 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| 17.3 | 44.7 | 44.7 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 |
| 17.3 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| 17.3 | 44.9 | 44.9 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 |
| 17.4 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 |
| 14.3 | 52.3 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 |
| 14.3 | 52.3 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 |
| 14.3 | 55.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| 14.4 | 57.3 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| 14.6 | 56.6 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| 14.7 | 60.6 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| 14.7 | 61.1 | 63.3 | 63.4 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| 14.7 | 62.3 | 64.9 | 65.1 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| 14.7 | 64.1 | 66.9 | 66.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| 14.7 | 66.1 | 68.6 | 68.6 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| 14.4 | 69.6 | 72.5 | 72.7 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| 14.2 | 74.1 | 77.4 | 77.7 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| 14.4 | 75.1 | 79.4 | 79.7 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| 14.4 | 77.6 | 81.3 | 81.2 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| 14.9 | 79.4 | 84.7 | 85.2 | 87.1 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| 14.2 | 79.6 | 84.0 | 86.6 | 89.6 | 89.9 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| 14.7 | 79.8 | 85.1 | 86.3 | 91.1 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| 14.2 | 79.9 | 85.1 | 86.9 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| 14.1 | 80.1 | 85.7 | 87.6 | 91.3 | 91.9 | 92.3 | 92.7 | 92.7 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| 14.1 | 80.4 | 86.0 | 88.5 | 92.7 | 92.9 | 94.5 | 95.1 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| 14.1 | 80.4 | 86.2 | 88.6 | 93.0 | 94.6 | 95.6 | 96.2 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| 14.1 | 80.4 | 86.2 | 88.7 | 93.1 | 94.7 | 95.9 | 96.9 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| 14.1 | 80.4 | 86.2 | 88.7 | 93.1 | 95.2 | 96.5 | 97.7 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| 14.1 | 80.4 | 86.3 | 88.8 | 93.2 | 95.4 | 96.7 | 98.0 | 98.4 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| 14.1 | 80.4 | 86.3 | 88.8 | 93.2 | 95.4 | 96.7 | 98.0 | 98.4 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |

TOTAL NUMBER OF OBSERVATIONS 30

0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. ALTIMETER BY BRANCH
2. ALTIMETER
3. DATE OF SERVICE/NAME

CEILING VERSUS VISIBILITY

TIME: 111 APR 3

71-32

1000

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1000-1000

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 20 | 10 | 5 | 2 | 1 | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000 | 45.1 | 47.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 |
| 900 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| 800 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| 700 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| 600 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| 500 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| 400 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| 300 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| 200 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| 100 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| 50 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| 20 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| 10 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| 5 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| 2 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| 1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| 0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |

TOTAL NUMBER OF OBSERVATIONS 1000

CEILING VERSUS VISIBILITY

73-52

2.

100-2012

TOTAL NUMBER OF OBSERVATIONS 927

1. AERIAL CLIMATOLOGY BRANCH
2. METAC
3. WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

4. STATION NAME ELLYTHESVILLE AFB, ALA

5. DATE 11-1-52

6. TIME 0000

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

7. REPORTING OFFICER 11-1-52

| CEILING (FEET) | | VISIBILITY (MILES) | | PERCENTAGE FREQUENCY OF OCCURRENCE | |
|----------------|------|--------------------|------|------------------------------------|------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1000 | 51.7 | 52.0 | 52.2 | 52.3 | 52.4 |
| 900 | 54.5 | 54.6 | 55.1 | 55.1 | 55.2 |
| 800 | 54.6 | 54.7 | 55.1 | 55.2 | 55.3 |
| 700 | 54.6 | 54.7 | 55.1 | 55.2 | 55.3 |
| 600 | 54.7 | 54.7 | 55.2 | 55.3 | 55.4 |
| 500 | 55.3 | 55.7 | 55.9 | 56.0 | 56.1 |
| 400 | 58.5 | 58.7 | 59.2 | 59.3 | 59.4 |
| 300 | 61.1 | 61.4 | 61.8 | 62.0 | 62.1 |
| 200 | 63.4 | 64.0 | 64.4 | 64.6 | 64.7 |
| 100 | 66.5 | 67.1 | 67.5 | 67.7 | 67.8 |
| 50 | 70.1 | 70.7 | 71.1 | 71.7 | 72.3 |
| 20 | 72.0 | 73.4 | 73.8 | 74.6 | 75.1 |
| 10 | 74.3 | 75.7 | 76.6 | 76.9 | 77.5 |
| 5 | 76.8 | 77.8 | 78.4 | 79.4 | 80.3 |
| 2 | 79.1 | 80.3 | 80.9 | 82.5 | 83.1 |
| 1 | 82.3 | 81.8 | 82.8 | 84.1 | 84.5 |
| 0.5 | 81.0 | 82.6 | 83.6 | 84.9 | 85.2 |
| 0.2 | 82.7 | 84.4 | 85.7 | 87.3 | 87.6 |
| 0.1 | 83.4 | 85.4 | 86.5 | 88.8 | 89.0 |
| 0.05 | 83.9 | 85.5 | 87.6 | 89.8 | 90.1 |
| 0.02 | 84.7 | 87.5 | 88.8 | 91.0 | 91.4 |
| 0.01 | 84.7 | 87.5 | 88.8 | 91.0 | 91.4 |
| 0.005 | 85.0 | 87.9 | 89.2 | 91.6 | 91.9 |
| 0.002 | 85.3 | 88.2 | 89.8 | 92.2 | 92.8 |
| 0.001 | 85.5 | 88.5 | 90.0 | 93.3 | 94.1 |
| 0.0005 | 85.7 | 88.8 | 90.3 | 93.7 | 94.1 |
| 0.0002 | 85.7 | 88.8 | 90.3 | 93.7 | 94.1 |
| 0.0001 | 85.7 | 88.8 | 90.3 | 93.7 | 94.1 |

TOTAL NUMBER OF OBSERVATIONS 127

CLIMATE CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2234-1 ELYTHEVILLE AFB AL

72-50

246

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

ALL

| VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 17.0 | 47.9 | 48.7 | 49.0 | 49.2 | 49.2 | 49.3 | 49.4 | 49.4 | 49.4 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 |
| 18.0 | 51.2 | 52.1 | 52.5 | 52.7 | 52.8 | 52.9 | 52.9 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 |
| 19.0 | 51.4 | 52.3 | 52.7 | 52.9 | 52.9 | 53.0 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| 20.0 | 51.7 | 52.6 | 52.9 | 53.2 | 53.2 | 53.3 | 53.4 | 53.4 | 53.4 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| 21.0 | 52.4 | 53.3 | 53.7 | 53.9 | 53.9 | 54.0 | 54.1 | 54.1 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| 22.0 | 55.5 | 56.5 | 56.9 | 57.2 | 57.3 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| 23.0 | 55.8 | 56.9 | 57.3 | 57.6 | 57.7 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| 24.0 | 59.1 | 59.3 | 59.7 | 60.0 | 60.1 | 60.2 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| 25.0 | 59.2 | 60.4 | 60.9 | 61.2 | 61.2 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| 26.0 | 61.4 | 62.5 | 62.7 | 63.3 | 63.3 | 63.5 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| 27.0 | 64.7 | 65.5 | 66.1 | 66.5 | 66.5 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| 28.0 | 65.4 | 67.0 | 67.5 | 68.0 | 68.1 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| 29.0 | 67.5 | 68.7 | 69.2 | 69.9 | 70.0 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| 30.0 | 69.5 | 70.3 | 70.9 | 71.5 | 71.7 | 71.9 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| 31.0 | 72.6 | 72.5 | 73.2 | 74.1 | 74.2 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| 32.0 | 73.5 | 75.7 | 76.6 | 77.5 | 77.8 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| 33.0 | 76.1 | 78.6 | 79.6 | 80.2 | 81.1 | 81.6 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| 34.0 | 78.8 | 79.4 | 80.5 | 81.9 | 82.1 | 82.6 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| 35.0 | 79.5 | 81.4 | 82.6 | 84.1 | 84.4 | 85.1 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| 36.0 | 79.8 | 82.0 | 84.5 | 86.2 | 86.5 | 87.2 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| 37.0 | 80.5 | 84.1 | 85.8 | 87.8 | 88.2 | 88.9 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| 38.0 | 81.1 | 85.1 | 86.9 | 89.1 | 89.6 | 90.5 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| 39.0 | 81.2 | 85.2 | 87.0 | 89.5 | 90.1 | 91.0 | 91.5 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| 40.0 | 81.5 | 85.6 | 87.4 | 90.1 | 90.7 | 91.7 | 92.5 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| 41.0 | 81.6 | 85.7 | 87.4 | 90.8 | 91.7 | 93.0 | 93.9 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| 42.0 | 81.7 | 85.9 | 88.1 | 91.4 | 92.4 | 94.1 | 95.2 | 95.4 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| 43.0 | 81.7 | 86.0 | 88.2 | 91.6 | 92.8 | 94.7 | 96.0 | 96.7 | 96.6 | 96.7 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| 44.0 | 81.7 | 86.0 | 88.4 | 91.9 | 93.2 | 95.4 | 96.9 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| 45.0 | 81.8 | 86.1 | 88.5 | 92.0 | 93.3 | 95.6 | 97.2 | 97.7 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| 46.0 | 81.8 | 86.1 | 88.5 | 92.1 | 93.3 | 95.6 | 97.2 | 97.7 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |

TOTAL NUMBER OF OBSERVATIONS 7472

AL CLIMATOLOGY BRANCH
ETAC
AIR FORCE SERVICE AID

CEILING VERSUS VISIBILITY

LYNDSEY AFB TX

73-50

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

ALL

| CEILING | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| 1 | 11.9 | 5.0 | 57.7 | 64.3 | 19.4 | 65.7 | 55.9 | 56.1 | 56.2 | 56.2 | 56.3 | 56.3 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | |
| 2 | 12.1 | 53.3 | 59.2 | 61.7 | 61.9 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | |
| 3 | 13.1 | 51.0 | 59.4 | 61.0 | 62.2 | 62.5 | 62.8 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | |
| 4 | 13.1 | 50.1 | 59.4 | 61.0 | 62.2 | 62.5 | 62.2 | 63.1 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | |
| 5 | 13.1 | 50.4 | 59.4 | 61.4 | 62.6 | 63.0 | 63.3 | 63.5 | 63.6 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | |
| 6 | 12.1 | 57.4 | 62.9 | 62.5 | 63.7 | 64.1 | 64.4 | 64.4 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | |
| 7 | 11.1 | 61.0 | 64.7 | 66.5 | 67.8 | 68.2 | 68.5 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | |
| 8 | 11.3 | 61.4 | 65.2 | 67.1 | 68.3 | 68.7 | 69.2 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | |
| 9 | 11.4 | 64.4 | 68.4 | 71.3 | 71.7 | 72.1 | 72.5 | 72.6 | 72.6 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | |
| 10 | 11.1 | 65.3 | 69.4 | 71.3 | 72.7 | 73.2 | 73.6 | 73.6 | 73.8 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | |
| 11 | 12.1 | 66.3 | 70.9 | 72.4 | 74.0 | 74.4 | 74.9 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | |
| 12 | 12.4 | 65.2 | 72.7 | 74.7 | 76.3 | 76.8 | 77.2 | 77.5 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | |
| 13 | 12.7 | 65.2 | 73.7 | 75.6 | 77.4 | 77.7 | 78.4 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | |
| 14 | 13.1 | 70.2 | 75.7 | 77.9 | 79.8 | 80.3 | 80.8 | 81.1 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | |
| 15 | 13.4 | 72.1 | 77.0 | 79.4 | 81.2 | 81.6 | 82.3 | 82.7 | 82.7 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | |
| 16 | 13.1 | 73.3 | 72.1 | 81.5 | 82.5 | 84.1 | 84.6 | 85.0 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | |
| 17 | 14.2 | 75.5 | 81.1 | 83.6 | 85.7 | 86.4 | 87.0 | 87.4 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | |
| 18 | 14.5 | 77.1 | 82.7 | 85.4 | 87.8 | 88.1 | 89.2 | 89.5 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | |
| 19 | 14.1 | 77.3 | 83.1 | 85.8 | 88.3 | 89.1 | 89.7 | 90.2 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | |
| 20 | 14.1 | 77.3 | 84.3 | 87.2 | 89.8 | 90.6 | 91.4 | 91.9 | 92.2 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | |
| 21 | 14.1 | 79.0 | 85.3 | 87.4 | 91.1 | 92.3 | 92.9 | 93.4 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | |
| 22 | 15.1 | 79.4 | 85.1 | 89.0 | 91.2 | 92.9 | 93.5 | 94.4 | 94.6 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | |
| 23 | 15.1 | 77.7 | 86.2 | 89.4 | 92.5 | 93.3 | 94.5 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | |
| 24 | 15.1 | 77.6 | 85.3 | 89.7 | 92.8 | 93.9 | 95.0 | 95.7 | 95.8 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | |
| 25 | 15.1 | 77.9 | 86.5 | 89.9 | 93.2 | 94.3 | 95.5 | 96.3 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | |
| 26 | 15.1 | 78.0 | 86.7 | 90.1 | 93.5 | 94.7 | 96.0 | 96.3 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | |
| 27 | 15.1 | 78.0 | 86.7 | 90.2 | 93.7 | 95.0 | 96.4 | 97.4 | 97.6 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | |
| 28 | 15.1 | 78.0 | 86.8 | 91.2 | 93.8 | 95.1 | 96.7 | 97.3 | 98.1 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | |
| 29 | 15.1 | 78.0 | 86.9 | 91.3 | 93.9 | 95.2 | 96.8 | 96.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | |
| 30 | 15.1 | 78.0 | 86.8 | 90.3 | 93.9 | 95.2 | 96.9 | 98.1 | 98.4 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | |
| 31 | 15.1 | 78.0 | 86.8 | 90.3 | 93.9 | 95.2 | 96.9 | 98.1 | 98.4 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | |

TOTAL NUMBER OF OBSERVATIONS 7,35

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN,
OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

SKY COVER

JAN.

— 42 —

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|-------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JAN. | 00-02 | 31.6 | | | 17.6 | | | | | | 10.7 | 44.1 | 5.8 | 929 |
| | 03-05 | 32.0 | | | 13.6 | | | | | | 9.7 | 44.7 | 5.7 | 927 |
| | 06-08 | 20.8 | | | 20.2 | | | | | | 13.7 | 45.4 | 6.4 | 930 |
| | 09-11 | 15.6 | | | 19.6 | | | | | | 15.5 | 49.3 | 6.9 | 929 |
| | 12-14 | 13.3 | | | 20.3 | | | | | | 17.2 | 49.1 | 7.1 | 930 |
| | 15-17 | 15.3 | | | 19.7 | | | | | | 20.2 | 44.8 | 6.9 | 930 |
| | 18-20 | 22.2 | | | 19.9 | | | | | | 11.7 | 47.2 | 6.3 | 927 |
| | 21-23 | 29.9 | | | 13.8 | | | | | | 10.6 | 45.7 | 5.9 | 926 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 22.6 | | | 17.5 | | | | | | 13.7 | 46.3 | 6.4 | 7,428 |

SKY COVER

73-32

FFC

STATION

S*A* ON NAME

AGE CO

— 200 —

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| FEB | 0-02 | 34.9 | | | 16.3 | | | | | | 9.0 | 39.8 | 5.3 | 845 |
| | 03-05 | 33.6 | | | 14.7 | | | | | | 9.6 | 42.1 | 5.5 | 845 |
| | 06-08 | 19.9 | | | 20.3 | | | | | | 14.6 | 46.6 | 6.6 | 842 |
| | 09-11 | 13.7 | | | 20.2 | | | | | | 17.9 | 49.7 | 7.0 | 845 |
| | 12-14 | 14.4 | | | 27.8 | | | | | | 18.3 | 46.5 | 6.9 | 846 |
| | 15-17 | 13.4 | | | 23.3 | | | | | | 22.9 | 40.4 | 6.8 | 846 |
| | 18-20 | 19.5 | | | 22.9 | | | | | | 17.4 | 40.2 | 6.3 | 845 |
| | 21-23 | 33.9 | | | 16.2 | | | | | | 12.2 | 38.7 | 5.5 | 844 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 22.4 | | | 19.6 | | | | | | 15.2 | 42.6 | 6.2 | 6759 |

SKY COVER

425

 $4.3N^{\circ}+4$

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| MJ | 30-02 | 25.2 | | | 14.1 | | | | | | 14.5 | 42.3 | 6.1 | 925 |
| | 3-05 | 24.0 | | | 14.2 | | | | | | 16.8 | 41.0 | 6.0 | 924 |
| | 10-08 | 17.4 | | | 19.1 | | | | | | 18.4 | 45.1 | 6.7 | 922 |
| | 5-11 | 16.5 | | | 18.0 | | | | | | 22.0 | 43.6 | 6.9 | 929 |
| | 11-14 | 12.8 | | | 20.0 | | | | | | 22.9 | 44.3 | 7.1 | 930 |
| | 11-17 | 9.8 | | | 22.8 | | | | | | 21.7 | 45.7 | 7.0 | 930 |
| | 18-20 | 15.6 | | | 20.0 | | | | | | 20.5 | 43.8 | 6.8 | 930 |
| | 1-23 | 25.6 | | | 18.5 | | | | | | 18.3 | 40.4 | 6.0 | 928 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 11.9 | | | 14.8 | | | | | | 19.0 | 43.2 | 6.6 | 7418 |

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

APF

۱۰۰

| MONTH | HOURS
(LST.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS. | |
|--------|-----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| APR | 00-02 | 36.0 | | | 16.8 | | | | | | 14.9 | 31.6 | 6.0 | 900 |
| | 03-05 | 30.6 | | | 20.8 | | | | | | 15.3 | 33.3 | 6.3 | 698 |
| | 06-08 | 18.0 | | | 26.1 | | | | | | 23.1 | 32.7 | 6.1 | 699 |
| | 09-11 | 17.7 | | | 21.0 | | | | | | 26.0 | 33.3 | 6.4 | 900 |
| | 12-14 | 12.2 | | | 25.7 | | | | | | 26.7 | 32.4 | 6.7 | 900 |
| | 15-17 | 12.3 | | | 26.0 | | | | | | 26.7 | 35.0 | 6.7 | 900 |
| | 18-20 | 17.7 | | | 27.0 | | | | | | 22.1 | 33.2 | 6.1 | 900 |
| | 21-23 | 29.4 | | | 21.3 | | | | | | 17.0 | 32.2 | 6.4 | 900 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 21.4 | | | 23.3 | | | | | | 21.0 | 33.0 | 6.0 | 7197 |

SKY COVER

44 Y

مفتی محمد رفیع

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS. | |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| MAY | 0-01 | 33.4 | | | 20.9 | | | | | | 16.3 | 29.4 | 5.0 | 921 |
| | 02-05 | 24.1 | | | 26.3 | | | | | | 16.3 | 33.3 | 5.6 | 921 |
| | 06-08 | 18.1 | | | 22.0 | | | | | | 23.6 | 36.2 | 6.4 | 927 |
| | 9-11 | 13.3 | | | 14.5 | | | | | | 26.9 | 35.3 | 6.7 | 930 |
| | 12-14 | 7.4 | | | 20.0 | | | | | | 30.6 | 34.0 | 7.0 | 930 |
| | 15-17 | 7.0 | | | 29.9 | | | | | | 30.0 | 33.1 | 6.9 | 930 |
| | 18-21 | 10.2 | | | 26.4 | | | | | | 24.6 | 32.8 | 6.7 | 930 |
| | 1-23 | 25.5 | | | 24.5 | | | | | | 20.2 | 29.4 | 5.5 | 930 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 17.4 | | | 25.6 | | | | | | 24.1 | 33.0 | 6.2 | 7426 |

SKY COVER

Jul.

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JUN | 00-02 | 38.2 | | | 24.3 | | | | | | 19.0 | 19.4 | 4.3 | 900 |
| | 03-05 | 23.4 | | | 37.9 | | | | | | 26.8 | 18.9 | 5.2 | 895 |
| | 06-08 | 13.2 | | | 32.7 | | | | | | 30.9 | 23.2 | 5.1 | 897 |
| | 9-11 | 10.8 | | | 37.5 | | | | | | 32.2 | 25.9 | 5.5 | 899 |
| | 12-14 | 4.7 | | | 33.0 | | | | | | 37.8 | 24.6 | 6.8 | 900 |
| | 15-17 | 4.7 | | | 37.6 | | | | | | 32.3 | 25.4 | 6.6 | 900 |
| | 18-20 | 10.4 | | | 38.4 | | | | | | 30.6 | 20.6 | 6.7 | 900 |
| | 21-23 | 31.7 | | | 31.6 | | | | | | 19.0 | 18.7 | 4.4 | 899 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 17.1 | | | 32.4 | | | | | | 28.4 | 22.1 | 5.7 | 7190 |

SKY COVER

77-82

493

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS. |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUL | 5-02 | 37.6 | | | 25.3 | | | | | | 17.8 | 16.3 | 4.1 | 920 |
| | 05-06 | 26.4 | | | 38.7 | | | | | | 21.5 | 13.5 | 4.4 | 918 |
| | 06-08 | 18.2 | | | 35.4 | | | | | | 27.1 | 18.2 | 5.4 | 922 |
| | 09-11 | 15.7 | | | 39.4 | | | | | | 23.2 | 21.6 | 5.4 | 926 |
| | 11-14 | 5.4 | | | 44.2 | | | | | | 33.3 | 17.1 | 6.0 | 930 |
| | 14-17 | 4.3 | | | 45.3 | | | | | | 34.9 | 15.5 | 6.1 | 937 |
| | 18-21 | 9.9 | | | 37.8 | | | | | | 21.0 | 21.3 | 6.1 | 930 |
| | 21-23 | 27.4 | | | 33.3 | | | | | | 21.6 | 17.7 | 4.7 | 925 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 10.2 | | | 37.8 | | | | | | 26.3 | 17.7 | 5.3 | 7421 |

SKY COVER

ALL

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS. | |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| AUG. | 16-22 | 44.5 | | | 24.8 | | | | | | 15.5 | 15.2 | 3.7 | 927 |
| | 23-29 | 35.3 | | | 29.5 | | | | | | 16.3 | 18.4 | 4.2 | 909 |
| | 30-02 | 16.5 | | | 35.4 | | | | | | 27.5 | 20.2 | 5.6 | 913 |
| | 03-11 | 14.4 | | | 36.6 | | | | | | 27.8 | 21.3 | 5.7 | 922 |
| | 12-14 | 5.1 | | | 45.6 | | | | | | 32.9 | 16.5 | 6.0 | 930 |
| | 15-17 | 6.9 | | | 48.1 | | | | | | 29.6 | 15.5 | 5.7 | 930 |
| | 18-20 | 16.8 | | | 42.7 | | | | | | 25.2 | 15.3 | 5.1 | 928 |
| | 21-23 | 36.0 | | | 34.0 | | | | | | 16.2 | 13.7 | 3.9 | 924 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 11.9 | | | 37.1 | | | | | | 23.9 | 17.1 | 5.0 | 7574 |

SKY COVER

55

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
DAYS | |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|-----|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| 1-4 | 6-02 | 44.2 | | | 18.8 | | | | | | 13.7 | 23.3 | 4.1 | 58 |
| | 05-06 | 35.2 | | | 25.7 | | | | | | 14.7 | 24.3 | 4.5 | 66 |
| | 6-08 | 17.7 | | | 21.7 | | | | | | 23.3 | 27.4 | 5.3 | 87 |
| | 09-11 | 18.3 | | | 30.1 | | | | | | 23.7 | 27.9 | 5.8 | 88 |
| | 11-14 | 10.1 | | | 34.2 | | | | | | 29.7 | 25.3 | 6.2 | 69 |
| | 15-17 | 12.3 | | | 36.4 | | | | | | 27.8 | 23.5 | 5.9 | 69 |
| | 18-20 | 25.4 | | | 26.7 | | | | | | 24.6 | 23.3 | 5.3 | 88 |
| | 21-23 | 39.4 | | | 20.6 | | | | | | 16.4 | 21.6 | 4.4 | 58 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 25.4 | | | 24.0 | | | | | | 22.5 | 24.6 | 5.3 | 706 |

SKY COVER

77-82

57

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JULY | 04-02 | 50.4 | | | 16.1 | | | | | | 14.4 | 17.0 | 3.7 | 924 |
| | 3-05 | 49.7 | | | 15.0 | | | | | | 17.1 | 21.2 | 5.5 | 925 |
| | 6-06 | 27.0 | | | 33.6 | | | | | | 19.7 | 22.7 | 5.0 | 922 |
| | 9-11 | 28.4 | | | 26.9 | | | | | | 30.2 | 24.4 | 5.1 | 929 |
| | 11-14 | 24.0 | | | 31.2 | | | | | | 21.5 | 23.3 | 5.2 | 931 |
| | 15-17 | 24.2 | | | 31.0 | | | | | | 24.5 | 21.2 | 5.2 | 931 |
| | 18-20 | 35.5 | | | 26.1 | | | | | | 21.1 | 17.3 | 4.4 | 930 |
| | 21-23 | 44.0 | | | 20.0 | | | | | | 15.6 | 18.5 | 3.9 | 928 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 30.5 | | | 24.6 | | | | | | 16.9 | 21.0 | 4.5 | 7415 |

SKY COVER

424

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| NOV | 00-02 | 40.5 | | | 11.0 | | | | | | 11.5 | 36.2 | 5.0 | 893 |
| | 03-05 | 39.7 | | | 12.0 | | | | | | 12.7 | 37.7 | 5.1 | 892 |
| | 06-08 | 22.3 | | | 23.8 | | | | | | 16.2 | 37.7 | 5.9 | 895 |
| | 09-11 | 21.5 | | | 23.7 | | | | | | 16.1 | 37.4 | 6.1 | 899 |
| | 12-14 | 16.9 | | | 23.4 | | | | | | 21.3 | 37.3 | 6.3 | 900 |
| | 15-17 | 18.3 | | | 25.6 | | | | | | 20.8 | 35.3 | 6.2 | 900 |
| | 18-20 | 29.6 | | | 19.4 | | | | | | 16.1 | 34.9 | 6.5 | 899 |
| | 21-23 | 35.9 | | | 14.9 | | | | | | 12.5 | 36.6 | 5.2 | 899 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 23.3 | | | 19.2 | | | | | | 15.8 | 36.6 | 5.7 | 7176 |

SKY COVER

DEC

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS. | |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| DEC | 00-02 | 35.5 | | | 15.9 | | | | | | 11.7 | 35.4 | 5.1 | 925 |
| | 3-05 | 36.8 | | | 13.6 | | | | | | 11.3 | 33.3 | 5.3 | 927 |
| | 6-08 | 21.9 | | | 12.4 | | | | | | 15.8 | 36.9 | 6.1 | 927 |
| | 9-11 | 15.6 | | | 23.7 | | | | | | 20.6 | 40.1 | 6.6 | 935 |
| | 11-14 | 14.7 | | | 22.6 | | | | | | 22.6 | 45.1 | 6.7 | 931 |
| | 15-17 | 13.9 | | | 24.1 | | | | | | 22.2 | 39.5 | 6.7 | 929 |
| | 18-20 | 27.5 | | | 18.8 | | | | | | 14.3 | 39.4 | 5.5 | 927 |
| | 21-23 | 33.3 | | | 15.6 | | | | | | 12.3 | 39.1 | 5.5 | 924 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 25.2 | | | 19.6 | | | | | | 16.7 | 38.7 | 6.2 | 7419 |

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFETAC
 WEATHER SERVICE/MAC

SKY COVER

73404 WYTHEVILLE AFB AR 73-82 ALL
 STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS |
|--------|--------------|---|---|---|------|---|---|---|---|---|------|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | ALL | 22.5 | | | 17.5 | | | | | | 17.7 | 46.3 | 5.4 | 7478 |
| FEB | | 22.4 | | | 19.6 | | | | | | 15.2 | 42.8 | 5.2 | 6759 |
| MAR | | 19.9 | | | 19.8 | | | | | | 19.0 | 43.2 | 5.6 | 7418 |
| APR | | 21.9 | | | 23.3 | | | | | | 21.9 | 53.0 | 5.7 | 7197 |
| MAY | | 17.4 | | | 25.6 | | | | | | 24.1 | 33.0 | 5.2 | 7426 |
| JUN | | 17.1 | | | 32.4 | | | | | | 28.4 | 22.1 | 5.7 | 7190 |
| JUL | | 19.2 | | | 37.8 | | | | | | 26.3 | 17.7 | 5.3 | 7401 |
| AUG | | 21.9 | | | 37.1 | | | | | | 23.9 | 17.1 | 5.7 | 7376 |
| SEP | | 25.4 | | | 28.0 | | | | | | 22.0 | 24.6 | 5.3 | 7069 |
| OCT | | 30.5 | | | 24.6 | | | | | | 18.9 | 21.0 | 4.5 | 7414 |
| NOV | | 29.3 | | | 19.2 | | | | | | 15.8 | 36.6 | 5.7 | 7176 |
| DEC | | 25.0 | | | 19.6 | | | | | | 16.7 | 38.7 | 6.0 | 7419 |
| TOTALS | | 22.9 | | | 25.3 | | | | | | 20.5 | 31.3 | 5.7 | 67277 |

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

2
2
JUNIOR CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
723408 ELYTHEVILLE AFB AR
STATION NAME

DAILY TEMPERATURES

42-45, 55-58, 60-82
YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN. A. |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| 75 | | | | | .4 | 9.3 | 25.9 | 14.1 | 3.1 | | | | .3 |
| 7 | | | | .2 | 7.5 | 40.5 | 70.6 | 52.9 | 21.2 | .7 | | | 4.3 |
| 5 | | | .3 | 6.2 | 32.5 | 74.9 | 90.4 | 79.5 | 42.1 | 7.0 | .5 | .1 | 15.9 |
| 4 | | .4 | 4.5 | 20.9 | 57.0 | 92.1 | 97.1 | 93.9 | 62.4 | 17.4 | 4.9 | .9 | 27.4 |
| 3 | 1.1 | 1.4 | 10.0 | 37.8 | 76.4 | 98.1 | 99.9 | 98.9 | 79.8 | 34.4 | 1.6 | 2.5 | 37.1 |
| 2 | 3.4 | 5.4 | 19.8 | 54.4 | 81.0 | 99.9 | 100.0 | 100.0 | 42.3 | 52.5 | 19.8 | 6.6 | 45.5 |
| 1 | 7.5 | 11.8 | 33.9 | 74.8 | 97.8 | 100.0 | | | 98.1 | 69.6 | 30.0 | 11.7 | 53.2 |
| 0 | 13.0 | 23.3 | 50.9 | 90.0 | 99.9 | | | | 99.5 | 87.0 | 50.0 | 21.4 | 60.9 |
| -1 | 23.3 | 38.3 | 71.0 | 97.0 | 100.0 | | | | 100.0 | 96.4 | 73.3 | 39.2 | 77.9 |
| -2 | 31.4 | 47.4 | 79.6 | 98.8 | | | | | | 98.1 | 80.7 | 50.1 | 81.9 |
| -3 | 45.3 | 60.8 | 90.6 | 100.0 | | | | | | 99.8 | 87.3 | 63.7 | 87.2 |
| -4 | 64.2 | 76.9 | 96.2 | | | | | | | 100.0 | 97.1 | 82.2 | 93.1 |
| -5 | 71.1 | 88.2 | 99.0 | | | | | | | | 99.1 | 91.8 | 96.4 |
| -6 | 81.3 | 94.9 | 99.7 | | | | | | | | 99.9 | 96.9 | 98.4 |
| -7 | 94.8 | 98.9 | 100.0 | | | | | | | | 100.0 | 98.8 | 99.4 |
| -8 | 97.5 | 99.6 | | | | | | | | | | 99.4 | 99.7 |
| -9 | 99.1 | 99.9 | | | | | | | | | | 99.9 | 99.9 |
| -10 | 99.9 | 100.0 | | | | | | | | | | 100.0 | 100.0 |
| -11 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 27.7 | 32.0 | 40.3 | 51.1 | 60.1 | 67.7 | 71.3 | 68.9 | 61.8 | 50.2 | 40.7 | 32.9 | 50.5 |
| S.D. | 11.12 | 10.32 | 9.93 | 8.95 | 7.10 | 5.47 | 4.92 | 5.42 | 8.12 | 9.17 | 9.86 | 10.37 | 17.16 |
| TOTAL OBS | 67 | 791 | 868 | 838 | 837 | 810 | 837 | 837 | 836 | 863 | 870 | 899 | 10153 |

2

JOINT CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/MAC
123405 ELYTHEVILLE AFB AR
STATION STATION NAME

DAILY TEMPERATURES

42-45, 55-58, 60-82
YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

AN

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|--------|
| 5 | | | | | | | .1 | | | | | | .1 |
| 10 | | | | | | .1 | 2.6 | .6 | | | | | 3.3 |
| 15 | | | | | .1 | 6.5 | 22.8 | 12.3 | 2.1 | | | | 14.1 |
| 20 | | | | | 6.5 | 41.1 | 65.4 | 44.9 | 13.9 | .3 | | | 20.4 |
| 25 | | | .2 | 3.5 | 31.5 | 73.8 | 90.9 | 79.5 | 79.0 | 5.2 | .2 | | 36.7 |
| 30 | | | 3.1 | 17.2 | 55.7 | 92.3 | 95.2 | 96.3 | 64.1 | 18.9 | 1.4 | .1 | 45.7 |
| 35 | | .3 | .6 | 8.5 | 37.2 | 78.0 | 99.5 | 100.0 | 99.6 | 83.9 | 4.3 | 7.2 | 53.2 |
| 40 | 1.2 | 4.6 | 19.8 | 56.1 | 91.2 | 100.0 | | 100.0 | 95.0 | 60.7 | 18.9 | 3.8 | 61.4 |
| 45 | 5.8 | 11.3 | 32.1 | 76.5 | 98.4 | | | | 98.9 | 78.6 | 32.1 | 9.7 | 69.3 |
| 50 | 1.5 | 21.0 | 50.8 | 89.3 | 99.9 | | | | 99.9 | 91.4 | 52.0 | 19.1 | 76.5 |
| 55 | 22.3 | 34.9 | 68.5 | 96.8 | 100.0 | | | | 100.0 | 98.6 | 69.0 | 32.0 | 84.4 |
| 60 | 37.7 | 53.9 | 85.5 | 99.4 | | | | | | 100.0 | 85.6 | 52.5 | 91.5 |
| 65 | 44.3 | 70.4 | 93.9 | 100.0 | | | | | | | 95.3 | 73.3 | 94.3 |
| 70 | 60.9 | 83.2 | 98.4 | | | | | | | | 98.4 | 87.9 | 97.5 |
| 75 | 83.5 | 92.4 | 99.2 | | | | | | | | 99.7 | 95.4 | 99.0 |
| 80 | 2.3 | 97.3 | 99.9 | | | | | | | | 100.0 | 98.2 | 99.6 |
| 85 | 26.8 | 99.5 | 100.0 | | | | | | | | | 99.4 | 99.9 |
| 90 | 9.8 | 100.0 | | | | | | | | | | 100.0 | 100.0 |
| 95 | 100.0 | | | | | | | | | | | | 100.0 |
| 100 | | | | | | | | | | | | | |
| 105 | | | | | | | | | | | | | |
| 110 | | | | | | | | | | | | | |
| 115 | | | | | | | | | | | | | |
| 120 | | | | | | | | | | | | | |
| 125 | | | | | | | | | | | | | |
| 130 | | | | | | | | | | | | | |
| 135 | | | | | | | | | | | | | |
| 140 | | | | | | | | | | | | | |
| 145 | | | | | | | | | | | | | |
| 150 | | | | | | | | | | | | | |
| 155 | | | | | | | | | | | | | |
| 160 | | | | | | | | | | | | | |
| 165 | | | | | | | | | | | | | |
| 170 | | | | | | | | | | | | | |
| 175 | | | | | | | | | | | | | |
| 180 | | | | | | | | | | | | | |
| 185 | | | | | | | | | | | | | |
| 190 | | | | | | | | | | | | | |
| 195 | | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | | |
| MEAN | 35.2 | 44.4 | 50.0 | 60.8 | 70.0 | 77.7 | 81.0 | 78.7 | 71.9 | 61.7 | 50.0 | 40.6 | 59.9 |
| S.D. | 11.0 | 13.1 | 10.9 | 10.2 | 7.5 | 6.9 | 5.2 | 4.7 | 5.0 | 7.1 | 8.3 | 9.6 | 17.6 |
| TOTAL OBS | 167 | 791 | 808 | 838 | 837 | 810 | 337 | 837 | 836 | 863 | 870 | 899 | 10153 |

USAFETAC FORM 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

723408 ELYTHEVILLE AFB A
STATION

42-45, 55-58, 60-82
YEARS

WHOLE DEGREES AHRENHEIT

| MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------|
| YEAR | | | | | | | | | | | | | |
| 42 | | | | | | | | | 95 | 86 | 80 | 73 | |
| 43 | 75 | 70 | 77 | 88 | 92 | 98 | 102 | 102 | 99 | 89 | 81 | 67 | 102 |
| 44 | 66 | 75 | 80 | 81 | 94 | 100 | 102 | 96 | 96 | 89 | 77 | 62 | 102 |
| 45 | | 65 | 74 | 82* | 4 | | | | | | | | |
| 55 | | 67 | 72 | 78 | 95 | 91 | 99 | 98 | 101 | 95 | | 65 | 74 |
| 57 | | 70 | 73 | 83 | 95 | 88 | 94 | 97 | 94 | 88 | 81 | 72 | 67 |
| 58 | | 59 | 70 | 62 | 79 | 94 | | | | | | | |
| 60 | | | | | | 97 | 95 | 99 | 97 | 84 | 76 | 62 | |
| 61 | 67 | 74 | 74 | 83 | 90 | 92 | 93 | 92 | 91 | 86 | 81 | 71 | 93 |
| 62 | 53 | 60 | 75 | 84 | 95 | 92 | 97 | 99 | 94 | 85 | 72 | 70 | 99 |
| 63 | 71 | 66 | 85 | 88 | 92 | 97 | 96 | 98 | 90 | 93 | 74 | 66 | 98 |
| 64 | 67 | 60 | 76 | 82 | 92 | 98 | 101 | 100 | 88 | 83 | 81 | 68 | 101 |
| 65 | 70 | 73 | 70 | 92 | 91 | 95 | 98 | 95 | 89 | 86 | 77 | 67 | 98 |
| 66 | 66 | 66 | 82 | 81 | 88 | 99 | 103 | 96 | 91 | 87 | 76 | 73 | 103 |
| 67 | 75 | 71 | 85 | 88 | 93 | 96 | 94 | 94 | 89 | 91 | 72 | 74 | 96 |
| 68 | 69 | 67 | 84 | 85 | 87 | 97 | 101 | 100 | 92 | 90 | 84 | 62 | 101 |
| 69 | 67 | 59 | 77 | 83 | 92 | 97 | 100 | 98 | 90 | 90 | 73 | 62 | 100 |
| 70 | 59 | 64 | 69 | 83 | 93 | 94 | 100 | 101 | 95 | 88 | 74 | 73 | 101 |
| 71 | 64 | 70 | 70 | 85 | 87 | 101 | 101 | 93* | 96* | 87 | 80 | 72 | 101 |
| 72 | 74 | 72 | 77 | 82 | 92 | 97 | 97 | 95 | 92 | 84 | 79 | 69 | 97 |
| 73 | 64 | 65 | 74 | 79 | 87 | 99 | 98 | 98 | 88 | 88 | 75 | 66 | 99 |
| 74 | 68 | 68 | 82 | 84 | 90 | 95 | 95 | 92 | 86 | 82 | 80 | 65 | 95 |
| 75 | 73 | 69 | 74 | 84 | 91 | 95 | 97 | 93 | 94 | 90 | 77 | 70 | 97 |
| 76 | 70 | 76 | 81 | 88 | 87 | 94 | 99 | 94 | 88 | 89 | 70 | 65 | 99 |
| 77 | 47 | 73 | 75 | 87 | 95 | 98 | 99 | 101 | 92 | 87 | 75 | 62 | 101 |
| 78 | 66 | 49 | 84 | 86 | 91 | 99 | 97 | 96 | 90 | 85 | 78 | 69 | 99 |
| 79 | 60 | 64 | 76 | 81 | 88 | 95 | 100 | 95 | 90 | 88 | 77 | 65 | 100 |
| 80 | 62 | 70 | 70 | 86 | 88 | 97 | 107 | 101 | 100 | 90 | 78 | 68 | 107 |
| 81 | 64 | 76 | 78 | 82 | 89 | 97 | 101 | 98 | 91 | 91 | 74 | 66 | 101 |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

2

MAXIMUM TEMPERATURE

7234-9
STATION

3LYTHEVILLE AFB AR
STATION NAME

42-44, 55-58, 60-82
YEARS

[illegible]

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

2

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

42-45, 55-59, 60-62
YEARS

WHOLE DEGREES FAHRENHEIT

[illegible]

NOTES * BASED ON LESS THAN FULL MONTHS

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

1. CLIMATE - CLIMATE - CLIMATE
 2. CLIMATE - CLIMATE - CLIMATE
 3. CLIMATE - CLIMATE - CLIMATE

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|-----------------|-------|-------|
| 1 | THE L. A. F. A. | 71-12 | |

DATE: 1-1-68 HOURS: 11:55 A.M.

[illegible]

GENERAL CLIMATE ONLY - JACH
T.C.
DATE: 10/10/78

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 10000 | 10000 | 10000 | 10000 |

HOURS S. T.

[illegible]

GENERAL CLIMATELOGY BRANCH
STATION
STATION SERVICE AS

PSYCHROMETRIC SUMMARY

STATION WATERVILLE, FEB 8 STATION NAME

7 2 1

YEARS

— 1 —

NOUVEAU

[illegible]

0-26-5 (OLA)

USAFETAC

AD-A131 197

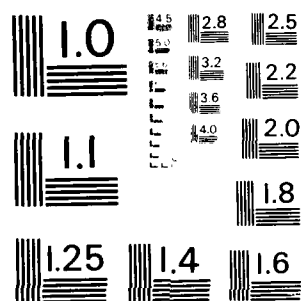
BLYTHEVILLE AFB ARKANSAS REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. JUN 83
USAFETAC/DS-83/025 SBI-AD-E850 403 F/G 4/2

UNCLASSIFIED

F/G 4/2

NL

4/5



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963-A

| Temp
F. | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--------------------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

| | | | |
|---------|--------------|-------|-------|
| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|

USAFETAC FORM 0265 (OL A)
NII 44 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
STAG
DATE: SEP/19/80

PSYCHROMETRIC SUMMARY

| | | | |
|--------------|--------------------|-------|-------|
| STATION | LYTHAMVILLE AFB AL | 75-02 | 11 |
| STATION NAME | | YEARS | MONTH |

FA 100-11-1
HOURS 11.5.7

[illegible]

CLINICAL CLIMATOLOGY BRANCH
METAC
FATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

| | |
|---------|--------------|
| STATION | STATION NAME |
| 1000 | 1000 |
| 1001 | 1001 |
| 1002 | 1002 |
| 1003 | 1003 |
| 1004 | 1004 |
| 1005 | 1005 |
| 1006 | 1006 |
| 1007 | 1007 |
| 1008 | 1008 |
| 1009 | 1009 |
| 1010 | 1010 |
| 1011 | 1011 |
| 1012 | 1012 |
| 1013 | 1013 |
| 1014 | 1014 |
| 1015 | 1015 |
| 1016 | 1016 |
| 1017 | 1017 |
| 1018 | 1018 |
| 1019 | 1019 |
| 1020 | 1020 |
| 1021 | 1021 |
| 1022 | 1022 |
| 1023 | 1023 |
| 1024 | 1024 |
| 1025 | 1025 |
| 1026 | 1026 |
| 1027 | 1027 |
| 1028 | 1028 |
| 1029 | 1029 |
| 1030 | 1030 |
| 1031 | 1031 |
| 1032 | 1032 |
| 1033 | 1033 |
| 1034 | 1034 |
| 1035 | 1035 |
| 1036 | 1036 |
| 1037 | 1037 |
| 1038 | 1038 |
| 1039 | 1039 |
| 1040 | 1040 |
| 1041 | 1041 |
| 1042 | 1042 |
| 1043 | 1043 |
| 1044 | 1044 |
| 1045 | 1045 |
| 1046 | 1046 |
| 1047 | 1047 |
| 1048 | 1048 |
| 1049 | 1049 |
| 1050 | 1050 |
| 1051 | 1051 |
| 1052 | 1052 |
| 1053 | 1053 |
| 1054 | 1054 |
| 1055 | 1055 |
| 1056 | 1056 |
| 1057 | 1057 |
| 1058 | 1058 |
| 1059 | 1059 |
| 1060 | 1060 |
| 1061 | 1061 |
| 1062 | 1062 |
| 1063 | 1063 |
| 1064 | 1064 |
| 1065 | 1065 |
| 1066 | 1066 |
| 1067 | 1067 |
| 1068 | 1068 |
| 1069 | 1069 |
| 1070 | 1070 |
| 1071 | 1071 |
| 1072 | 1072 |
| 1073 | 1073 |
| 1074 | 1074 |
| 1075 | 1075 |
| 1076 | 1076 |
| 1077 | 1077 |
| 1078 | 1078 |
| 1079 | 1079 |
| 1080 | 1080 |
| 1081 | 1081 |
| 1082 | 1082 |
| 1083 | 1083 |
| 1084 | 1084 |
| 1085 | 1085 |
| 1086 | 1086 |
| 1087 | 1087 |
| 1088 | 1088 |
| 1089 | 1089 |
| 1090 | 1090 |
| 1091 | 1091 |
| 1092 | 1092 |
| 1093 | 1093 |
| 1094 | 1094 |
| 1095 | 1095 |
| 1096 | 1096 |
| 1097 | 1097 |
| 1098 | 1098 |
| 1099 | 1099 |
| 1100 | 1100 |
| 1101 | 1101 |
| 1102 | 1102 |
| 1103 | 1103 |
| 1104 | 1104 |
| 1105 | 1105 |
| 1106 | 1106 |
| 1107 | 1107 |
| 1108 | 1108 |
| 1109 | 1109 |
| 1110 | 1110 |
| 1111 | 1111 |
| 1112 | 1112 |
| 1113 | 1113 |
| 1114 | 1114 |
| 1115 | 1115 |
| 1116 | 1116 |
| 1117 | 1117 |
| 1118 | 1118 |
| 1119 | 1119 |
| 1120 | 1120 |
| 1121 | 1121 |
| 1122 | 1122 |
| 1123 | 1123 |
| 1124 | 1124 |
| 1125 | 1125 |
| 1126 | 1126 |
| 1127 | 1127 |
| 1128 | 1128 |
| 1129 | 1129 |
| 1130 | 1130 |
| 1131 | 1131 |
| 1132 | 1132 |
| 1133 | 1133 |
| 1134 | 1134 |
| 1135 | 1135 |
| 1136 | 1136 |
| 1137 | 1137 |
| 1138 | 1138 |
| 1139 | 1139 |
| 1140 | 1140 |
| 1141 | 1141 |
| 1142 | 1142 |
| 1143 | 1143 |
| 1144 | 1144 |
| 1145 | 1145 |
| 1146 | 1146 |
| 1147 | 1147 |
| 1148 | 1148 |
| 1149 | 1149 |
| 1150 | 1 |

73-62

YEARS

MONTH

FA 100-100-110000
HOURS 10:00-11:00

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| / | | | .4 | | | | | | | | | | | | | | | 4 | 4 | 4 | 11 | | | | | | | | | | | | | | |
| / -1 | | | .1 | | | | | | | | | | | | | | | 4 | 3 | 3 | 10 | | | | | | | | | | | | | | |
| - / -1 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 10 | | | | | | | | | | | | | | |
| - / -1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / -7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / -11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - / -11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOT | .046 | .131 | .612 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 927 | 927 | 927 | 927 | | | | | | | | | | | | | | |

| Element (X) | Σ x' | Σ x | x̄ | s _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|---------|-------|--------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 50537.6 | 67.75 | 72.415 | .70 | 927 | ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 12600.9 | 22143 | 34.612 | .738 | 930 | .1 | 40.7 | .5 | | | | 53 |
| Wet Bulb | 17564 | 24453 | 31.912 | .346 | 927 | .4 | 40.7 | .1 | | | | 43 |
| Dew Point | 38506 | 24743 | 26.214 | .66 | 927 | 3.8 | 62.4 | | | | | 43 |

JET CLIMATE BRANCH
 METAC
 AIRCRAFT SERVICE/MAC

PSYCHROMETRIC SUMMARY

| | |
|---------|--------------------|
| 1225 | LYTHE WILLY FEB 89 |
| STATION | STATION NAME |

73-22

YEARS

MONTH

PAGE 1 ~~12-10-14~~
HOURS 11 5 11

[illegible]

2

●

73-62

YEARS

JAN
 MONTH

TABLE 2

| |
|------------------|
| 1200-1400 |
| HOURS (L. S. T.) |

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

J. L. CLIMATOLOGY BRANCH
 METAC
 AIRCRAFT SERVICE/MAC

PSYCHROMETRIC SUMMARY

12345 STATION LYTHEWILL AFB AR STATION NAME

73-32

YEARS

MONTH

PAGE 1 100-174
HOURS 11.5.11

[illegible]

2

U.S. AIR FORCE CLIMATOLOGY BRANCH
 WET BULB TEMPERATURE DEPRESSION (F)
 AIR WEATHER SERVICE ZNAO

PSYCHROMETRIC SUMMARY

723400 GLENNVILLE AFB AR
 STATION STATION NAME

73-82
 YEARS

JAN
 MONTH

1966-1967
 HOURS (L. S. Y.)

| Temp.
(F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | TOTAL
D.B./W.B. | TOTAL
Dry Bulb | TOTAL
Wet Bulb | TOTAL
Dew Point |
|------------------------------------|---------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------------------|-------------------|-------------------|--------------------|
| / | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 17 |
| / 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| / -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| / -3 | | | | | | | | | | | | | | | | | | | | | 4 |
| / -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| / -7 | | | | | | | | | | | | | | | | | | | | | 1 |
| / -9 | | | | | | | | | | | | | | | | | | | | | 1 |
| / -11 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 7.2 | 2.5 | 2.5 | 1.5 | 1.5 | 4.8 | 1.2 | .4 | .1 | .1 | | | | | | | | 9.8 | | 9.7 | 9.7 |
| Element (X) | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX | ΣX |
| Rel. Hum. | 2503.52 | 607.52 | 65.4 | 16.6 | 59 | 93 | | | | | | | | | | | | | | | |
| Dry Bulb | 154275 | 36037 | 37.9 | 12.9 | 02 | 930 | | | | | | | | | | | | | | | |
| Wet Bulb | 1256.61 | 32367 | 34.6 | 11.8 | 83 | 930 | | | | | | | | | | | | | | | |
| Dew Point | 848240 | 25.23 | 27.5 | 14.2 | 73 | 930 | | | | | | | | | | | | | | | |
| Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | |
| | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | | | | | | | | | | | |
| | | | 1.1 | | | | 9.3 | | | | | | | | | | | | | | |
| | | | | | | | 9.3 | | | | | | | | | | | | | | |
| | | | | | | | 9.3 | | | | | | | | | | | | | | |

METEOROLOGICAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

STATION LATHRILL AFB AR STATION NAME

73-52

YEARS

MONTH

1-22-54
HOURS 11. S. T.

[illegible]

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| | |
|---------|------------------|
| 2234 | LYTHEWILL AFB AF |
| STATION | STATION NAME |

73-67

YEARS

44.

MONTH

PAGE 2 1000-2000
HOURS 11.5.73

HOURS: L. S. T.

[illegible]

AL CLIMATOLOGY BRANCH
LJAC
FATHERS SERVICE /JAC

PSYCHROMETRIC SUMMARY

STATION NAME: MATHEWILL AFB, GA. 73-10 MONTH: 11
YEARS: 1953 HOURS: 10:30

[illegible]

2

U.S. AIR FORCE
CLIMATE BRANCH
METEOROLOGICAL SERVICE
AFB

PSYCHROMETRIC SUMMARY

STATION: LITTLE ROCK AFB, AR 72-11 MONTHS: 1-12 HOURS: 24

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-------------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. - W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | |
| - 2 - | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - 1 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - 0 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | Σ x' | Σ x | Σ | Σ x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|---------|--------|--------|-----|----------|------------------------------------|------|------|------|------|--|-------|
| Rel. Hum. | 14940.4 | 7010.4 | 7010.4 | 93 | 0 F | 32 F | 67 F | 73 F | 80 F | 93 F | | |
| Dry Bulb | 117404 | 31406 | 31406 | 93 | | 42.4 | 7 | | | | | |
| Wet Bulb | 1041.7 | 257.7 | 257.7 | 93 | | 62.0 | | | | | | |
| Dew Point | 22900 | 24746 | 24746 | 93 | | 63.3 | | | | | | |

USAFETAC FORM 0-26.5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 01-22-2001 BY 60322 UCBAW

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 4 | 4 |
| 5 | 5 |
| 6 | 6 |
| 7 | 7 |
| 8 | 8 |
| 9 | 9 |
| 10 | 10 |
| 11 | 11 |
| 12 | 12 |
| 13 | 13 |
| 14 | 14 |
| 15 | 15 |
| 16 | 16 |
| 17 | 17 |
| 18 | 18 |
| 19 | 19 |
| 20 | 20 |
| 21 | 21 |
| 22 | 22 |
| 23 | 23 |
| 24 | 24 |
| 25 | 25 |
| 26 | 26 |
| 27 | 27 |
| 28 | 28 |
| 29 | 29 |
| 30 | 30 |
| 31 | 31 |
| 32 | 32 |
| 33 | 33 |
| 34 | 34 |
| 35 | 35 |
| 36 | 36 |
| 37 | 37 |
| 38 | 38 |
| 39 | 39 |
| 40 | 40 |
| 41 | 41 |
| 42 | 42 |
| 43 | 43 |
| 44 | 44 |
| 45 | 45 |
| 46 | 46 |
| 47 | 47 |
| 48 | 48 |
| 49 | 49 |
| 50 | 50 |
| 51 | 51 |
| 52 | 52 |
| 53 | 53 |
| 54 | 54 |
| 55 | 55 |
| 56 | 56 |
| 57 | 57 |
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| 61 | 61 |
| 62 | 62 |
| 63 | 63 |
| 64 | 64 |
| 65 | 65 |
| 66 | 66 |
| 67 | 67 |
| 68 | 68 |
| 69 | 69 |
| 70 | 70 |
| 71 | 71 |
| 72 | 72 |
| 73 | 73 |
| 74 | 74 |
| 75 | 75 |
| 76 | 76 |
| 77 | 77 |
| 78 | 78 |
| 79 | 79 |
| 80 | 80 |
| 81 | 81 |
| 82 | 82 |
| 83 | 83 |
| 84 | 84 |
| 85 | 85 |
| 86 | 86 |
| 87 | 87 |
| 88 | 88 |
| 89 | 89 |
| 90 | 90 |
| 91 | 91 |
| 92 | 92 |
| 93 | 93 |
| 94 | 94 |
| 95 | 95 |
| 96 | 96 |
| 97 | 97 |
| 98 | 98 |
| 99 | 99 |
| 100 | 100 |


 1990
 2000
 2010
 2020
 2030
 2040
 2050
 2060
 2070
 2080
 2090
 2100

MONTH

_____ 511
HOURS 5 5 5

[illegible]

2

STATION AFB A STATION NAME

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

YEARS

MONTH

HOURS 6.57

FORM 0-26-5 (OL A) REC'D SEC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 68

USAFETAC

1. RESEARCH
 2. TECHNICAL
 3. ADMINISTRATIVE

PSYCHROMETRIC SUMMARY

7
STATION

LYNCHBURG AFB VA
STATION NAME

72-44-1

MONTH

7201 1 2-5-61
HOURS 11 5.7

| Temp
IF | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | TOTAL | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point |
|------------|----|-----|-----|-----|-----|----|----|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--------------------|----------|-----------|
| 7 6 | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | |
| 7 5 | | | | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | | |
| 7 4 | | | | .7 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 1 | | |
| 7 3 | | | .3 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 1 | 1 | |
| 7 2 | | | .7 | .1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 1 | 1 | |
| 7 1 | | | .3 | .2 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 10 | 2 | 2 | |
| 7 0 | | | .6 | .1 | .4 | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | 13 | 13 | 7 | 14 | |
| 6 9 | | .3 | .3 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | 16 | 13 | 7 | |
| 6 8 | .4 | .6 | .7 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 23 | 23 | 14 | 5 | |
| 6 7 | | .3 | .1 | .1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 | 36 | 19 | 18 | |
| 6 6 | | .3 | 1.1 | 1.4 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 | 36 | 24 | 24 | |
| 6 5 | | .2 | 2.7 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 43 | 43 | 31 | 15 | |
| 6 4 | .1 | 1.9 | .8 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 53 | 53 | 44 | 17 | |
| 6 3 | .3 | 2.3 | 2.4 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 62 | 62 | 42 | 20 | |
| 6 2 | .1 | 3.2 | 2.7 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 68 | 68 | 50 | 21 | |
| 6 1 | | 1.7 | 1.2 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 68 | 68 | 52 | 23 | |
| 6 0 | .3 | 3.1 | 1.7 | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 69 | 69 | 41 | 22 | |
| 5 9 | .1 | 3.4 | 2.1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 69 | 69 | 51 | 22 | |
| 5 8 | .7 | 7.1 | 3.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 82 | 82 | 43 | 23 | |
| 5 7 | .2 | 4.1 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 81 | 81 | 48 | 23 | |
| 5 6 | | 3.4 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 85 | 85 | 46 | 23 | |
| 5 5 | .4 | 4.3 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 91 | 91 | 52 | 22 | |
| 5 4 | .1 | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL CLIMATELOGY BRANCH
STAG
AIR FATHER SERVICE/STAG

PSYCHROMETRIC SUMMARY

STATION LYTTELVILLE AFB STATION NAME

72-24

YEARS

15 MONTH

PAGE 1 000-0500
HOURS 1.5.1.

[illegible]

2

CENTRAL CLIMATOLOGY BRANCH
 ATC
 AIRCRAFT SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION PLYTHELVILLE AFB STATION NAME 73-37 YEARS MONTH 1960-08
 HOURS 15.1

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| -7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | | | | | | | | | | | | | |

| Element (X) | Z _g | Z _g | Z _g | Z _g | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-------------|----------------|----------------|----------------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | |
| Rel. Hum. | 123104 | 66132 | 7.3 | 11.3 | 2 | | | | | | | |
| Dry Bulb | 1157214 | 20578 | 35.1 | 17.1 | 7 | | 19.1 | | | | | 4 |
| Wet Bulb | 102234 | 27730 | 32.1 | 11.5 | 2 | | 44.5 | | | | | 4 |
| Dew Point | 38940 | 24272 | 28.7 | 12.9 | 5 | | 54.9 | | | | | 4 |

73-12

YEARS

MONTH

DATE: 11-11-57 HOURS: 11:57

[illegible]

METEOROLOGICAL CLIMATOLOGY BRANCH
 METEOROLOGICAL SERVICE
 METEOROLOGICAL SERVICE

PSYCHROMETRIC SUMMARY

1224.1 CLYTHEVILLE AFB A

STATION STATION NAME

73-67

YEARS

FF
MONTH

7-11-54
HOURS 11.5.2

[illegible]

—

GLOBAL CLIMATE LOSS MATCH
CLIMATE
ADAPTATION SERVICE/AC

PSYCHROMETRIC SUMMARY

1-24-50 STATION
STATION NAME
72-82 YEARS
MONTH
PAGE 1
12-2-14-50 HOURS 11 57

[illegible]

U. S. NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D. C.
 AIR MAILING SERVICE, 7/1/48

PSYCHROMETRIC SUMMARY

12-34-57
STATION

PLYTHE WILLS AFB 3
STATION NAME

12-37
YEARS

12-37
MONTH

12-37
HOURS (L.S.T.)

[illegible]

1. GENERAL OPERATIONS / 2. INCH
3. INCH
4. INCH / 5. INCH / 6. INCH / 7. INCH / 8. INCH / 9. INCH / 10. INCH / 11. INCH / 12. INCH / 13. INCH / 14. INCH / 15. INCH / 16. INCH / 17. INCH / 18. INCH / 19. INCH / 20. INCH / 21. INCH / 22. INCH / 23. INCH / 24. INCH / 25. INCH / 26. INCH / 27. INCH / 28. INCH / 29. INCH / 30. INCH / 31. INCH / 32. INCH / 33. INCH / 34. INCH / 35. INCH / 36. INCH / 37. INCH / 38. INCH / 39. INCH / 40. INCH / 41. INCH / 42. INCH / 43. INCH / 44. INCH / 45. INCH / 46. INCH / 47. INCH / 48. INCH / 49. INCH / 50. INCH / 51. INCH / 52. INCH / 53. INCH / 54. INCH / 55. INCH / 56. INCH / 57. INCH / 58. INCH / 59. INCH / 60. INCH / 61. INCH / 62. INCH / 63. INCH / 64. INCH / 65. INCH / 66. INCH / 67. INCH / 68. INCH / 69. INCH / 70. INCH / 71. INCH / 72. INCH / 73. INCH / 74. INCH / 75. INCH / 76. INCH / 77. INCH / 78. INCH / 79. INCH / 80. INCH / 81. INCH / 82. INCH / 83. INCH / 84. INCH / 85. INCH / 86. INCH / 87. INCH / 88. INCH / 89. INCH / 90. INCH / 91. INCH / 92. INCH / 93. INCH / 94. INCH / 95. INCH / 96. INCH / 97. INCH / 98. INCH / 99. INCH / 100. INCH / 101. INCH / 102. INCH / 103. INCH / 104. INCH / 105. INCH / 106. INCH / 107. INCH / 108. INCH / 109. INCH / 110. INCH / 111. INCH / 112. INCH / 113. INCH / 114. INCH / 115. INCH / 116. INCH / 117. INCH / 118. INCH / 119. INCH / 120. INCH / 121. INCH / 122. INCH / 123. INCH / 124. INCH / 125. INCH / 126. INCH / 127. INCH / 128. INCH / 129. INCH / 130. INCH / 131. INCH / 132. INCH / 133. INCH / 134. INCH / 135. INCH / 136. INCH / 137. INCH / 138. INCH / 139. INCH / 140. INCH / 141. INCH / 142. INCH / 143. INCH / 144. INCH / 145. INCH / 146. INCH / 147. INCH / 148. INCH / 149. INCH / 150. INCH / 151. INCH / 152. INCH / 153. INCH / 154. INCH / 155. INCH / 156. INCH / 157. INCH / 158. INCH / 159. INCH / 160. INCH / 161. INCH / 162. INCH / 163. INCH / 164. INCH / 165. INCH / 166. INCH / 167. INCH / 168. INCH / 169. INCH / 170. INCH / 171. INCH / 172. INCH / 173. INCH / 174. INCH / 175. INCH / 176. INCH / 177. INCH / 178. INCH / 179. INCH / 180. INCH / 181. INCH / 182. INCH / 183. INCH / 184. INCH / 185. INCH / 186. INCH / 187. INCH / 188. INCH / 189. INCH / 190. INCH / 191. INCH / 192. INCH / 193. INCH / 194. INCH / 195. INCH / 196. INCH / 197. INCH / 198. INCH / 199. INCH / 200. INCH / 201. INCH / 202. INCH / 203. INCH / 204. INCH / 205. INCH / 206. INCH / 207. INCH / 208. INCH / 209. INCH / 210. INCH / 211. INCH / 212. INCH / 213. INCH / 214. INCH / 215. INCH / 216. INCH / 217. INCH / 218. INCH / 219. INCH / 220. INCH / 221. INCH / 222. INCH / 223. INCH / 224. INCH / 225. INCH / 226. INCH / 227. INCH / 228. INCH / 229. INCH / 230. INCH / 231. INCH / 232. INCH / 233. INCH / 234. INCH / 235. INCH / 236. INCH / 237. INCH / 238. INCH / 239. INCH / 240. INCH / 241. INCH / 242. INCH / 243. INCH / 244. INCH / 245. INCH / 246. INCH / 247. INCH / 248. INCH / 249. INCH / 250. INCH / 251. INCH / 252. INCH / 253. INCH / 254. INCH / 255. INCH / 256. INCH / 257. INCH / 258. INCH / 259. INCH / 260. INCH / 261. INCH / 262. INCH / 263. INCH / 264. INCH / 265. INCH / 266. INCH / 267. INCH / 268. INCH / 269. INCH / 270. INCH / 271. INCH / 272. INCH / 273. INCH / 274. INCH / 275. INCH / 276. INCH / 277. INCH / 278. INCH / 279. INCH / 280. INCH / 281. INCH / 282. INCH / 283. INCH / 284. INCH / 285. INCH / 286. INCH / 287. INCH / 288. INCH / 289. INCH / 290. INCH / 291. INCH / 292. INCH / 293. INCH / 294. INCH / 295. INCH / 296. INCH / 297. INCH / 298. INCH / 299. INCH / 300. INCH / 3

PSYCHROMETRIC SUMMARY

1034 STATION 15 THE HILL AFB A STATION NAME

73-a

YEARS

MONTH

1-17
HOURS 11. 5. 7.

[illegible]

CLINICAL CLIMATOLOGY - RACH
ETAC
FATHERS OF THE CLIMATE

PSYCHROMETRIC SUMMARY

STATION LYTHEVILLAGE AFB AL STATION NAME

75-42

YEARS

65
MONT

P.A.

16-17

[illegible]

v

MONDAY

HOURS . . . S . . .

USAFETAC FORM 0.26.5 (OL A) 88-320 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 84

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-11-2001 BY 60322

PSYCHROMETRIC SUMMARY

STAT ON AFS STATION NAME

73-

YEARS

MONY.

1
HOURS

| Temp
°F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | 100 | 99 | 98 | 97 | 96 | 95 | 94 | 93 | 92 | 91 | 90 | 89 | 88 | 87 | 86 | 85 | 84 | 83 | 82 | 81 | 80 | 79 | 78 | 77 | 76 | 75 | 74 | 73 | 72 | 71 | 70 | 69 | 68 | 67 | 66 | 65 | 64 | 63 | 62 | 61 | 60 | 59 | 58 | 57 | 56 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 | 33 | 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | -1 | -2 | -3 | -4 | -5 | -6 | -7 | -8 | -9 | -10 | -11 | -12 | -13 | -14 | -15 | -16 | -17 | -18 | -19 | -20 | -21 | -22 | -23 | -24 | -25 | -26 | -27 | -28 | -29 | -30 | -31 | -32 | -33 | -34 | -35 | -36 | -37 | -38 | -39 | -40 | -41 | -42 | -43 | -44 | -45 | -46 | -47 | -48 | -49 | -50 | -51 | -52 | -53 | -54 | -55 | -56 | -57 | -58 | -59 | -60 | -61 | -62 | -63 | -64 | -65 | -66 | -67 | -68 | -69 | -70 | -71 | -72 | -73 | -74 | -75 | -76 | -77 | -78 | -79 | -80 | -81 | -82 | -83 | -84 | -85 | -86 | -87 | -88 | -89 | -90 | -91 | -92 | -93 | -94 | -95 | -96 | -97 | -98 | -99 | -100 |
| 99 | 99 | 98 | 97 | 96 | 95 | 94 | 93 | 92 | 91 | 90 | 89 | 88 | 87 | 86 | 85 | 84 | 83 | 82 | 81 | 80 | 79 | 78 | 77 | 76 | 75 | 74 | 73 | 72 | 71 | 70 | 69 | 68 | 67 | 66 | 65 | 64 | 63 | 62 | 61 | 60 | 59 | 58 | 57 | 56 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 | 33 | 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | -1 | -2 | -3 | -4 | -5 | -6 | -7 | -8 | -9 | -10 | -11 | -12 | -13 | -14 | -15 | -16 | -17 | -18 | -19 | -20 | -21 | -22 | -23 | -24 | -25 | -26 | -27 | -28 | -29 | -30 | -31 | -32 | -33 | -34 | -35 | -36 | -37 | -38 | -39 | -40 | -41 | -42 | -43 | -44 | -45 | -46 | -47 | -48 | -49 | -50 | -51 | -52 | -53 | -54 | -55 | -56 | -57 | -58 | -59 | -60 | -61 | -62 | -63 | -64 | -65 | -66 | -67 | -68 | -69 | -70 | -71 | -72 | -73 | -74 | -75 | -76 | -77 | -78 | -79 | -80 | -81 | -82 | -83 | -84 | -85 | -86 | -87 | -88 | -89 | -90 | -91 | -92 | -93 | -94 | -95 | -96 | -97 | -98 | -99 | -100 | |
| 98 | 98 | 97 | 96 | 95 | 94 | 93 | 92 | 91 | 90 | 89 | 88 | 87 | 86 | 85 | 84 | 83 | 82 | 81 | 80 | 79 | 78 | 77 | 76 | 75 | 74 | 73 | 72 | 71 | 70 | 69 | 68 | 67 | 66 | 65 | 64 | 63 | 62 | 61 | 60 | 59 | 58 | 57 | 56 | 55 | 54 | 53 | 52 | 51 | 50 | 49 | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 | 33 | 32 | 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

2

| STATION | STATION NAME | YEARS | MONTH | HOURS | SY |
|---------|--------------|-------|-------|-------|----|
| | | | | | |

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|-----------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-------|-----------|----------|----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | + 31 | D.B. W.B. | Dry Bulb | Wet Bulb |
| Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Element X_i ΣX_i' ΣX_i Ȳ S_y No. Obs. Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | = 67 F | = 73 F | = 80 F | = 93 F | Total |
|-----------|-------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | | | | | |
| Wet Bulb | | | | | | | |
| Dew Point | | | | | | | |

YEARS

7-10.

15
MONTH

HOURS 5.4

USAFETAC FORM 026-5 (OL A)
JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. CLIMATE BY REGION
 2. CLIMATE BY REGION
 3. CLIMATE BY REGION

PSYCHROMETRIC SUMMARY

STATION NAME _____ YEARS _____ MONTH _____
HOURS _____

[illegible]

NATIONAL CLIMATE DATA CENTER
 5200 Auth Rd
 Asheville, NC 28803-3200

PSYCHROMETRIC SUMMARY

| | |
|--------------|------------------|
| STAY ON | LYTHEVILLE AFB A |
| STATION NAME | |

72-57

YEARS

MONTH

54

211

HOURS: 11:30 A.M. - 1:00 P.M.

[illegible]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-11-2010 BY 60322 UCBAW/AC

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|----------|--------------|-------|-------|
| LYTHWELL | AFB | 13-1 | 1 |

PAGE: 1
HOURS: (L, S, T)

[illegible]

AL CLINATOR DIV. REACH
STAC
LOCATION SERVICE/STAC

PSYCHROMETRIC SUMMARY

| | |
|---------|-----------------|
| 024 | ALTHEVILL AFB A |
| STATION | STATION NAME |

12-53

Y E A R S

MONT

PA. 1 137-0000
HOURS 1 5 1

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------------------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 73 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 74 | | | .1 | .1 | .1 | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 75 | | | .1 | .1 | .1 | .1 | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 76 | | | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 77 | | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 78 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 79 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 80 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 81 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | .1 | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 82 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | .1 | .1 | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 83 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | .1 | .1 | .1 | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 84 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 85 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 86 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 87 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | 1 | 1 | | | | | | | | | | | | | | | | |
| 88 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | | | | |
| 89 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | | | | |
| 90 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | | | | |
| 91 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | | | | |
| 92 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | | | | |
| 93 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | | | | |
| 94 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | | | | |
| 95 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | | | | |
| 96 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | | | | |
| 97 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | | | | |
| 98 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | | | | |
| 99 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | | | | |
| 100 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | | | | |
| 101 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1 | 1 | | | | | | | | | | | | | | | | |
| 102 | .1 | .1 | 1.1 | 1.1 | 1.1 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

METEOROLOGICAL CLIMATOLOGY BRANCH
 METAC
 METEOROLOGICAL SERVICE/MAC

PSYCHROMETRIC SUMMARY

| | | | |
|---------|--------------|-------|-------|
| STATION | STATION NAME | YEARS | MONTH |
| 121-1 | 121-1 | 121-1 | 121-1 |

12-11-54

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|-----------|----------|----------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 1.0 | 1.3 | 1.6 | 1.9 | 2.2 | 2.5 | 2.8 | 3.1 | 3.4 | 3.7 | 4.0 | 4.3 | 4.6 | 4.9 | 5.2 | 5.5 | 5.8 | 6.1 | 6.4 | 6.7 | 7.0 | 7.3 | 7.6 | 7.9 | 8.2 | 8.5 | 8.8 | 9.1 | 9.4 | 9.7 | 10.0 | 10.3 | 10.6 | 10.9 | 11.2 | 11.5 | 11.8 | 12.1 | 12.4 | 12.7 | 13.0 | 13.3 | 13.6 | 13.9 | 14.2 | 14.5 | 14.8 | 15.1 | 15.4 | 15.7 | 16.0 | 16.3 | 16.6 | 16.9 | 17.2 | 17.5 | 17.8 | 18.1 | 18.4 | 18.7 | 19.0 | 19.3 | 19.6 | 19.9 | 20.2 | 20.5 | 20.8 | 21.1 | 21.4 | 21.7 | 22.0 | 22.3 | 22.6 | 22.9 | 23.2 | 23.5 | 23.8 | 24.1 | 24.4 | 24.7 | 25.0 | 25.3 | 25.6 | 25.9 | 26.2 | 26.5 | 26.8 | 27.1 | 27.4 | 27.7 | 28.0 | 28.3 | 28.6 | 28.9 | 29.2 | 29.5 | 29.8 | 30.1 | 30.4 | 30.7 | 31.0 | 31.3 | 31.6 | 31.9 | 32.2 | 32.5 | 32.8 | 33.1 | 33.4 | 33.7 | 34.0 | 34.3 | 34.6 | 34.9 | 35.2 | 35.5 | 35.8 | 36.1 | 36.4 | 36.7 | 37.0 | 37.3 | 37.6 | 37.9 | 38.2 | 38.5 | 38.8 | 39.1 | 39.4 | 39.7 | 40.0 | 40.3 | 40.6 | 40.9 | 41.2 | 41.5 | 41.8 | 42.1 | 42.4 | 42.7 | 43.0 | 43.3 | 43.6 | 43.9 | 44.2 | 44.5 | 44.8 | 45.1 | 45.4 | 45.7 | 46.0 | 46.3 | 46.6 | 46.9 | 47.2 | 47.5 | 47.8 | 48.1 | 48.4 | 48.7 | 49.0 | 49.3 | 49.6 | 49.9 | 50.2 | 50.5 | 50.8 | 51.1 | 51.4 | 51.7 | 52.0 | 52.3 | 52.6 | 52.9 | 53.2 | 53.5 | 53.8 | 54.1 | 54.4 | 54.7 | 55.0 | 55.3 | 55.6 | 55.9 | 56.2 | 56.5 | 56.8 | 57.1 | 57.4 | 57.7 | 58.0 | 58.3 | 58.6 | 58.9 | 59.2 | 59.5 | 59.8 | 60.1 | 60.4 | 60.7 | 61.0 | 61.3 | 61.6 | 61.9 | 62.2 | 62.5 | 62.8 | 63.1 | 63.4 | 63.7 | 64.0 | 64.3 | 64.6 | 64.9 | 65.2 | 65.5 | 65.8 | 66.1 | 66.4 | 66.7 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.8 | 69.1 | 69.4 | 69.7 | 70.0 | 70.3 | 70.6 | 70.9 | 71.2 | 71.5 | 71.8 | 72.1 | 72.4 | 72.7 | 73.0 | 73.3 | 73.6 | 73.9 | 74.2 | 74.5 | 74.8 | 75.1 | 75.4 | 75.7 | 76.0 | 76.3 | 76.6 | 76.9 | 77.2 | 77.5 | 77.8 | 78.1 | 78.4 | 78.7 | 79.0 | 79.3 | 79.6 | 79.9 | 80.2 | 80.5 | 80.8 | 81.1 | 81.4 | 81.7 | 82.0 | 82.3 | 82.6 | 82.9 | 83.2 | 83.5 | 83.8 | 84.1 | 84.4 | 84.7 | 85.0 | 85.3 | 85.6 | 85.9 | 86.2 | 86.5 | 86.8 | 87.1 | 87.4 | 87.7 | 88.0 | 88.3 | 88.6 | 88.9 | 89.2 | 89.5 | 89.8 | 90.1 | 90.4 | 90.7 | 91.0 | 91.3 | 91.6 | 91.9 | 92.2 | 92.5 | 92.8 | 93.1 | 93.4 | 93.7 | 94.0 | 94.3 | 94.6 | 94.9 | 95.2 | 95.5 | 95.8 | 96.1 | 96.4 | 96.7 | 97.0 | 97.3 | 97.6 | 97.9 | 98.2 | 98.5 | 98.8 | 99.1 | 99.4 | 99.7 | 100.0 |

YEARS MONTH

PAGE 1

06-02-66

HOURS U. S. T.

| | | | | | | |
|-------------------------|------------------|-------|------|----|-------|----|
| STATION | LYTHEVILLE AFB A | 73-31 | YEAR | 73 | MONTH | 11 |
| PAGE 1
HOURS 11 S.T. | | | | | | |

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JOINT CLIMATE POLICY BRANCH
JCPAC
AIR FATHER SERVICE, JAC

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 12345 | 12345 AFB A | 73-82 | 12 |

~~CONFIDENTIAL~~
HOURS 11-5-1

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-----------|----------|----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 121 | 1.1 | 1.3 | 1.7 | 2.5 | 3.7 | 5.1 | 6.7 | 8.5 | 10.5 | 12.7 | 15.1 | 17.7 | 20.5 | 23.5 | 26.7 | 30.1 | 33.7 | 37.5 | 41.5 | 45.7 | 50.1 | 54.7 | 59.5 | 64.5 | 69.7 | 75.1 | 80.7 | 86.5 | 92.5 | 98.7 | 105.1 | 111.7 | 118.5 | 125.5 | 132.7 | 140.1 | 147.7 | 155.5 | 163.5 | 171.7 | 180.1 | 188.7 | 197.5 | 206.5 | 215.7 | 225.1 | 234.7 | 244.5 | 254.5 | 264.7 | 275.1 | 285.7 | 296.5 | 307.5 | 318.7 | 330.1 | 341.7 | 353.5 | 365.5 | 377.7 | 390.1 | 402.7 | 415.5 | 428.5 | 441.7 | 455.1 | 468.7 | 482.5 | 496.5 | 510.7 | 525.1 | 539.7 | 554.5 | 569.5 | 584.7 | 599.1 | 613.7 | 628.5 | 643.5 | 658.7 | 674.1 | 689.7 | 705.5 | 721.5 | 737.7 | 754.1 | 770.7 | 787.5 | 804.5 | 821.7 | 839.1 | 856.7 | 874.5 | 892.5 | 910.7 | 929.1 | 947.7 | 966.5 | 985.5 | 1004.7 | 1024.1 | 1043.7 | 1063.5 | 1083.5 | 1103.7 | 1124.1 | 1144.7 | 1165.5 | 1186.5 | 1207.7 | 1229.1 | 1250.7 | 1272.5 | 1294.5 | 1316.7 | 1339.1 | 1361.7 | 1384.5 | 1407.5 | 1430.7 | 1454.1 | 1477.7 | 1501.5 | 1525.5 | 1549.7 | 1574.1 | 1598.7 | 1623.5 | 1648.5 | 1673.7 | 1699.1 | 1724.7 | 1750.5 | 1776.5 | 1802.7 | 1829.1 | 1855.7 | 1882.5 | 1909.5 | 1936.7 | 1964.1 | 1991.7 | 2019.5 | 2047.5 | 2075.7 | 2104.1 | 2132.7 | 2161.5 | 2190.5 | 2219.7 | 2249.1 | 2278.7 | 2308.5 | 2338.5 | 2368.7 | 2399.1 | 2429.7 | 2460.5 | 2491.5 | 2522.7 | 2554.1 | 2585.7 | 2617.5 | 2649.5 | 2681.7 | 2714.1 | 2746.7 | 2779.5 | 2812.5 | 2845.7 | 2879.1 | 2912.7 | 2946.5 | 2980.5 | 3014.7 | 3049.1 | 3083.7 | 3118.5 | 3153.5 | 3188.7 | 3224.1 | 3259.7 | 3295.5 | 3331.5 | 3367.7 | 3404.1 | 3440.7 | 3477.5 | 3514.5 | 3551.7 | 3589.1 | 3626.7 | 3664.5 | 3702.5 | 3740.7 | 3779.1 | 3817.7 | 3856.5 | 3895.5 | 3934.7 | 3974.1 | 4013.7 | 4053.5 | 4093.5 | 4133.7 | 4174.1 | 4214.7 | 4255.5 | 4296.5 | 4337.7 | 4379.1 | 4420.7 | 4462.5 | 4504.5 | 4546.7 | 4589.1 | 4631.7 | 4674.5 | 4717.5 | 4760.7 | 4804.1 | 4847.7 | 4891.5 | 4935.5 | 4979.7 | 5024.1 | 5068.7 | 5113.5 | 5158.5 | 5203.7 | 5249.1 | 5294.7 | 5340.5 | 5386.5 | 5432.7 | 5479.1 | 5525.7 | 5572.5 | 5619.5 | 5666.7 | 5714.1 | 5761.7 | 5809.5 | 5857.5 | 5905.7 | 5954.1 | 6002.7 | 6051.5 | 6100.5 | 6149.7 | 6199.1 | 6248.7 | 6298.5 | 6348.5 | 6398.7 | 6449.1 | 6499.7 | 6550.5 | 6601.5 | 6652.7 | 6704.1 | 6755.7 | 6807.5 | 6859.5 | 6911.7 | 6964.1 | 7016.7 | 7069.5 | 7122.5 | 7175.7 | 7229.1 | 7282.7 | 7336.5 | 7390.5 | 7444.7 | 7499.1 | 7553.7 | 7608.5 | 7663.5 | 7718.7 | 7774.1 | 7829.7 | 7885.5 | 7941.5 | 7997.7 | 8054.1 | 8110.7 | 8167.5 | 8224.5 | 8281.7 | 8339.1 | 8396.7 | 8454.5 | 8512.5 | 8570.7 | 8629.1 | 8687.7 | 8746.5 | 8805.5 | 8864.7 | 8924.1 | 8983.7 | 9043.5 | 9103.5 | 9163.7 | 9224.1 | 9284.7 | 9345.5 | 9406.5 | 9467.7 | 9529.1 | 9590.7 | 9652.5 | 9714.5 | 9776.7 | 9839.1 | 9901.7 | 9964.5 | 10027.5 | 10091.7 | 10156.1 | 10220.7 | 10285.5 | 10350.5 | 10416.7 | 10483.1 | 10549.7 | 10616.5 | 10683.5 | 10750.7 | 10818.5 | 10886.5 | 10954.7 | 11023.1 | 11091.7 | 11160.5 | 11229.5 | 11298.7 | 11368.1 | 11437.7 | 11507.5 | 11577.5 | 11647.7 | 11718.1 | 11788.7 | 11859.5 | 11930.5 | 12001.7 | 12073.1 | 12144.7 |

2
0

ARMED CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION LYTTELVILLE AFB AR STATION NAME LYTTELVILLE AFB AR YEARS 1950-51 MONTH 11
PAUSE 11
HOURS (L. S. T.)

| Temp.
(F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | TOTAL | TOTAL |
|--------------|---|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|---------------------------------------|-------|
| | | | | | | | | | | | | | | | | | | D.B. W.B. Dry Bulb Wet Bulb Dew Point | |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 7 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 11 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 13 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 14 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 15 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 16 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 17 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 18 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 19 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 20 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 21 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 22 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 23 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 24 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 26 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 27 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 28 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 29 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 30 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 31 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| TOTAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| TOTAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

USAFETAC FORM 0-26.5 (OL A) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALBANY, N.Y. (AP) — A man who was shot and killed by a police officer in a New York City subway car last week was identified as a 34-year-old father of two.

PSYCHROMETRIC SUMMARY

STATION LYTHE WILLOW AFB STATION NAME

73-40

YEARS

5.

MONTE

100-2-14
MOORE 1-5-7

[illegible]

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____ HOURS _____

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-----------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element X | Z _X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

STATION NAME

YEARS

MONY

1. _____
HOURS S. T.

USAFETAC FORM 0265 (OL. A)
JUN 64
DEVELOPMENTAL RESEARCH FOR THE ARMY - 60-111P

1970-1971

PSYCHROMETRIC SUMMARY

STATION NAME

23-1

YEARS

MONY

1 - 5 - 1954

[illegible]

STATION NAME

23-24

YEARS

MONY

~~CONFIDENTIAL~~

USAFETAC FORM 0.26.5 (OL A) REVISED PREVIOUS EDITIONS' 1974-1984 USE ONLY

[illegible]

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 HOURS _____ S. Y. _____

[illegible]

ALPHABETICALLY BY NAME
DATE: 10/10/70

PSYCHROMETRIC SUMMARY

STATION LYTHEWILL AFB A
STATION NAME

73-52

YEARS

MONTH

DATE 2-2-72
HOURS 11.5, 7.

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | |
|-------------|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-----------|----------|----------|-----------|------|------|------|--|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| 101 | 1.62 | 1.63 | 1.64 | 1.65 | 1.66 | 1.67 | 1.68 | 1.69 | 1.70 | 1.71 | 1.72 | 1.73 | 1.74 | 1.75 | 1.76 | 1.77 | 1.78 | 1.79 | 1.80 | 1.81 | 1.82 | 1.83 | 1.84 | 1.85 | 1.86 | 1.87 | 1.88 | 1.89 | 1.90 | 1.91 | 1.92 | 1.93 | 1.94 | 1.95 | 1.96 | 1.97 | 1.98 | 1.99 | 2.00 | | |
| 102 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 103 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 104 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 105 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 106 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 107 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 108 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 109 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 111 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 112 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 113 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 114 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 115 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 116 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 117 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 118 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 119 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 121 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

AL CLIMATE POLICY WATCH
CLIMATE
CLIMATE SERVICE/CLIMATE

PSYCHROMETRIC SUMMARY

STATION ON CLYDE HILL AFB STATION NAME 73-40 YEARS 24 MONTH

_____ 111 _____
HOURS 11.5.7

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|---------------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. Wet Bulb | Dew Point | |
| 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

STATION WELTHEVILL AFB STATION NAME

7-5.

YEARS

20

Page 1

[illegible]

AL CLINICOLOGY OF ARCH
TITIC
AT 11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1

PSYCHROMETRIC SUMMARY

STATION WHEELER AFB AL STATION NAME

23-35

YEARS

_____ APR _____
MONTH

PAGE: 2 SECRET
HOURS: 11:50

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | |
|--------------|-------------------------------------|---|---|-----|-----|-----|-----|-----|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|----|----|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | |
| 72 | | | | | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | 30 | | | | |
| 73 | | | | 1.1 | 1.1 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | 30 | 2 | | | |
| 74 | | | | 1.3 | 1.1 | 2.3 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 40 | 17 | | | |
| 75 | | | | 1.4 | 1.4 | 2.2 | 1.2 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 50 | 14 | | | |
| 76 | | | | 3.7 | 1.3 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 67 | 67 | 63 | 15 | | |
| 77 | | | | 1.4 | 1.4 | 1.0 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 | 71 | 68 | 16 | | |
| 78 | | | | 1.1 | 2.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 73 | 73 | 69 | 17 | |
| 79 | | | | 1.2 | 1.1 | 1.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 74 | 74 | 70 | 18 | |
| 80 | | | | 1.3 | 2.2 | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 75 | 75 | 71 | 19 | |
| 81 | | | | 1.1 | 1.1 | 2.6 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 76 | 76 | 72 | 20 | |
| 82 | | | | 2.7 | 1.3 | 2.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 77 | 77 | 73 | 21 | |
| 83 | | | | 1.3 | 3.5 | 2.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 78 | 78 | 74 | 22 | |
| 84 | | | | 2.1 | 1.9 | 2.1 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 79 | 79 | 75 | 23 | |
| 85 | | | | 1.1 | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 80 | 76 | 24 |
| 86 | | | | 1.1 | 1.2 | 2.2 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 81 | 81 | 77 | 25 | |
| 87 | | | | 1.1 | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 82 | 82 | 78 | 26 |
| 88 | | | | 1.1 | 1.1 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 83 | 83 | 79 | 27 |
| 89 | | | | | | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 84 | 84 | 80 | 28 |
| 90 | | | | | | 2.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 85 | 85 | 81 | 29 |
| 91 | | | | | | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

U. S. AIR FORCE
MEDICAL CLIMATOLOGY BRANCH
METEOROLOGICAL
RESEARCH CENTER
WRIGHT PATERSON AIRFIELD
DAYTON, OHIO 45433-6150

PSYCHROMETRIC SUMMARY

STATION 1.3000 STATION NAME CLYDEVILLE AFB OH

72-62

YEARS

MONTH

DATE: 10-10-68
HOURS: 5:15

[illegible]

ALTERNATE SERVICE / ABC

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|-----------------|-------|-------|
| 111 | LITTLE HILL AFB | 75-82 | |

MOLES 5 1

[illegible]

GENERAL CLIMATOLOGY BRANCH
METEO
A. GATHIN SERVICE/MAL

PSYCHROMETRIC SUMMARY

| | |
|---------|--------------------|
| STATION | STATION NAME |
| | ALYINGVILLE AFB AL |

73-32

YEARS

MONT

NO. 10-11
HOURS 1.5.7

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. - W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 1 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 0.0 | 0.1 | 0.2 | 0.3 |
| 2 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 0.1 | 0.2 | 0.3 | 0.4 | |
| 3 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 0.2 | 0.3 | 0.4 | 0.5 | | |
| 4 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 0.3 | 0.4 | 0.5 | 0.6 | | | |
| 5 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 0.4 | 0.5 | 0.6 | 0.7 | | | | |
| 6 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 0.5 | 0.6 | 0.7 | 0.8 | | | | | |
| 7 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 0.6 | 0.7 | 0.8 | 0.9 | | | | | | |
| 8 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 0.7 | 0.8 | 0.9 | 1.0 | | | | | | | |
| 9 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 0.8 | 0.9 | 1.0 | 1.1 | | | | | | | | |
| 10 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 0.9 | 1.0 | 1.1 | 1.2 | | | | | | | | | |
| 11 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1.0 | 1.1 | 1.2 | 1.3 | | | | | | | | | | |
| 12 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1.1 | 1.2 | 1.3 | 1.4 | | | | | | | | | | | |
| 13 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1.2 | 1.3 | 1.4 | 1.5 | | | | | | | | | | | | |
| 14 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1.3 | 1.4 | 1.5 | 1.6 | | | | | | | | | | | | | |
| 15 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1.4 | 1.5 | 1.6 | 1.7 | | | | | | | | | | | | | | |
| 16 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1.5 | 1.6 | 1.7 | 1.8 | | | | | | | | | | | | | | | |
| 17 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1.6 | 1.7 | 1.8 | 1.9 | | | | | | | | | | | | | | | | |
| 18 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 1.7 | 1.8 | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------------|
| | ALBUQUERQUE AFB NM |

YEARS

100

1 - hours - 5

[illegible]

USAFETAC FORM 0265 (OL A)

YEARS

100

1-17-
HOURS S. 9

[illegible]

2

ADMINISTRATIVE SECTION
 TITLE
 STATION SERVICE AREA

PSYCHROMETRIC SUMMARY

STATION NAME WYNTHROVILLE AFB YEARS 77-8 MONTH 11 HOURS 17

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|-------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----------|----------|----------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| .1 | .4 | .7 | 1.0 | 1.3 | 1.6 | 1.9 | 2.2 | 2.5 | 2.8 | 3.1 | 3.4 | 3.7 | 4.0 | 4.3 | 4.6 | 4.9 | 5.2 | 5.5 | 5.8 | 6.1 | 6.4 | 6.7 | 7.0 | 7.3 | 7.6 | 7.9 | 8.2 | 8.5 | 8.8 | 9.1 | 9.4 | 9.7 | 10.0 | 10.3 | 10.6 | 10.9 | 11.2 | 11.5 | 11.8 | 12.1 | 12.4 | 12.7 | 13.0 | 13.3 | 13.6 | 13.9 | 14.2 | 14.5 | 14.8 | 15.1 | 15.4 | 15.7 | 16.0 | 16.3 | 16.6 | 16.9 | 17.2 | 17.5 | 17.8 | 18.1 | 18.4 | 18.7 | 19.0 | 19.3 | 19.6 | 19.9 | 20.2 | 20.5 | 20.8 | 21.1 | 21.4 | 21.7 | 22.0 | 22.3 | 22.6 | 22.9 | 23.2 | 23.5 | 23.8 | 24.1 | 24.4 | 24.7 | 25.0 | 25.3 | 25.6 | 25.9 | 26.2 | 26.5 | 26.8 | 27.1 | 27.4 | 27.7 | 28.0 | 28.3 | 28.6 | 28.9 | 29.2 | 29.5 | 29.8 | 30.1 | 30.4 | 30.7 | 31.0 | 31.3 | 31.6 | 31.9 | 32.2 | 32.5 | 32.8 | 33.1 | 33.4 | 33.7 | 34.0 | 34.3 | 34.6 | 34.9 | 35.2 | 35.5 | 35.8 | 36.1 | 36.4 | 36.7 | 37.0 | 37.3 | 37.6 | 37.9 | 38.2 | 38.5 | 38.8 | 39.1 | 39.4 | 39.7 | 40.0 | 40.3 | 40.6 | 40.9 | 41.2 | 41.5 | 41.8 | 42.1 | 42.4 | 42.7 | 43.0 | 43.3 | 43.6 | 43.9 | 44.2 | 44.5 | 44.8 | 45.1 | 45.4 | 45.7 | 46.0 | 46.3 | 46.6 | 46.9 | 47.2 | 47.5 | 47.8 | 48.1 | 48.4 | 48.7 | 49.0 | 49.3 | 49.6 | 49.9 | 50.2 | 50.5 | 50.8 | 51.1 | 51.4 | 51.7 | 52.0 | 52.3 | 52.6 | 52.9 | 53.2 | 53.5 | 53.8 | 54.1 | 54.4 | 54.7 | 55.0 | 55.3 | 55.6 | 55.9 | 56.2 | 56.5 | 56.8 | 57.1 | 57.4 | 57.7 | 58.0 | 58.3 | 58.6 | 58.9 | 59.2 | 59.5 | 59.8 | 60.1 | 60.4 | 60.7 | 61.0 | 61.3 | 61.6 | 61.9 | 62.2 | 62.5 | 62.8 | 63.1 | 63.4 | 63.7 | 64.0 | 64.3 | 64.6 | 64.9 | 65.2 | 65.5 | 65.8 | 66.1 | 66.4 | 66.7 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.8 | 69.1 | 69.4 | 69.7 | 70.0 | 70.3 | 70.6 | 70.9 | 71.2 | 71.5 | 71.8 | 72.1 | 72.4 | 72.7 | 73.0 | 73.3 | 73.6 | 73.9 | 74.2 | 74.5 | 74.8 | 75.1 | 75.4 | 75.7 | 76.0 | 76.3 | 76.6 | 76.9 | 77.2 | 77.5 | 77.8 | 78.1 | 78.4 | 78.7 | 79.0 | 79.3 | 79.6 | 79.9 | 80.2 | 80.5 | 80.8 | 81.1 | 81.4 | 81.7 | 82.0 | 82.3 | 82.6 | 82.9 | 83.2 | 83.5 | 83.8 | 84.1 | 84.4 | 84.7 | 85.0 | 85.3 | 85.6 | 85.9 | 86.2 | 86.5 | 86.8 | 87.1 | 87.4 | 87.7 | 88.0 | 88.3 | 88.6 | 88.9 | 89.2 | 89.5 | 89.8 | 90.1 | 90.4 | 90.7 | 91.0 | 91.3 | 91.6 | 91.9 | 92.2 | 92.5 | 92.8 | 93.1 | 93.4 | 93.7 | 94.0 | 94.3 | 94.6 | 94.9 | 95.2 | 95.5 | 95.8 | 96.1 | 96.4 | 96.7 | 97.0 | 97.3 | 97.6 | 97.9 | 98.2 | 98.5 | 98.8 | 99.1 | 99.4 | 99.7 | 100.0 |

| Element (X) | ΣX | ΣX^2 | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|------------|--------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | |
| Rel. Hum. | 17.45 | 477.45 | 57.818 | 17 | 500 | 0 | 32 | 67 | 73 | 80 | 93 | |
| Dry Bulb | 11.10 | 47.72 | 67.9 | 7.705 | 500 | | | 1.7 | 2.7 | 1.7 | | |
| Wet Bulb | 11.10 | 47.72 | 67.9 | 7.705 | 500 | | | 1.7 | 2.7 | 1.7 | | |
| Dew Point | 11.10 | 47.72 | 67.9 | 7.705 | 500 | | | 1.7 | 2.7 | 1.7 | | |

YEARS

STATION LA TRAVILLE AFB 4 STATION NAME

72-4000

207

MONT

21-0-27
HOURS L. S. T.

USAFETAC

AL CLIMATOLOGY BRANCH
LTD
NATION SERVICE / MAC

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

ESTABLISHED _____

HOURS _____

[illegible]

134

NAVY SERVICE / PAC

PSYCHROMETRIC SUMMARY

LYTHE WILLY AFB A-
STATION NAME

73-22

YEARS

_____ MONTH

12345678910111213141516171819202122232425262728293031323334353637383940414243444546474849505152535455565758596061626364656667686970717273747576777879808182838485868788899091929394959697989910010110210310410510610710810911011111211311411511611711811912012112212312412512612712812913013113213313413513613713813914014114214314414514614714814915015115215315415515615715815916016116216316416516616716816917017117217317417517617717817918018118218318418518618718818919019119219319419519619719819920020120220320420520620720820921021121221321421521621721821922022122222322422522622722822923023123223323423523623723823924024124224324424524624724824925025125225325425525625725825926026126226326426526626726826927027127227327427527627727827928028128228328428528628728828929029129229329429529629729829930030130230330430530630730830931031131231331431531631731831932032132232332432532632732832933033133233333433533633733833934034134234334434534634734834935035135235335435535635735835936036136236336436536636736836937037137237337437537637737837938038138238338438538638738838939039139239339439539639739839940040140240340440540640740840941041141241341441541641741841942042142242342442542642742842943043143243343443543643743843944044144244344444544644744844945045145245345445545645745845946046146246346446546646746846947047147247347447547647747847948048148248348448548648748848949049149249349449549649749849950050150250350450550650750850951051151251351451551651751851952052152252352452552652752852953053153253353453553653753853954054154254354454554654754854955055155255355455555655755855956056156256356456556656756856957057157257357457557657757857958058158258358458558658758858959059159259359459559659759859960060160260360460560660760860961061161261361461561661761861962062162262362462562662762862963063163263363463563663763863964064164264364464564664764864965065165265365465565665765865966066166266366466566666766866967067167267367467567667767867968068168268368468568668768868969069169269369469569669769869970070170270370470570670770870971071171271371471571671771871972072172272372472572672772872973073173273373473573673773873974074174274374474574674774874975075175275375475575675775875976076176276376476576676776876977077177277377477577677777877978078178278378478578678778878979079179279379479579679779879980080180280380480580680780880981081181281381481581681781881982082182282382482582682782882983083183283383483583683783883984084184284384484584684784884985085185285385485585685785885986086186286386486586686786886987087187287387487587687787887988088188288388488588688788888989089189289389489589689789889990090190290390490590690790890991091191291391491591691791891992092192292392492592692792892993093193293393493593693793893994094194294394494594694794894995095195295395495595695795895996096196296396496596696796896997097197297397497597697797897998098198298398498598698798898999099199299399499599699799899910001001100210031004100510061007100810091010101110121013101410151016101710181019102010211022102310241025102610271028102910301031103210331034103510361037103810391040104110421043104410451046104710481049105010511052105310541055105610571058105910601061106210631064106510661067106810691070107110721073107410751076107710781079108010811082108310841085108610871088108910901091109210931094109510961097109810991100110111021103110411051106110711081109111011111112111311141115111611171118111911201121112211231124112511261127112811291130113111321133113411351136113711381139114011411142114311441145114611471148114911501151115211531154115511561157115811591160116111621163116411651166116711681169117011711172117311741175117611771178117911801181118211831184118511861187118811891190119111921193119411951196119711981199120012011202120312041205120612071208120912101211121212131214121512161217121812191220122112221223122412251226122712281229123012311232123312341235123612371238123912401241124212431244124512461247124812491250125112521253125412551256125712581259126012611262126312641265126612671268126912701271127212731274127512761277127812791280128112821283128412851286128712881289129012911292129312941295129612971298129913001

HOURS 11. 5. 7.

[illegible]

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

ALLEGATO 1 - A. C.
ALLEGATO 2 - A. C.
ALLEGATO 3 - A. C.

PSYCHROMETRIC SUMMARY

STATION LITTLE ROCK AFB 3
STATION NAME

73-30

YEARS

MONTH

541-1

2025-2026
HOURS: 1.5.1

[illegible]

and

AL CLIMATOLOGY BRANCH
STAC
DATA SERVICE/STAC

PSYCHROMETRIC SUMMARY

STATION 24 LYNTHVILLE AFB A STATION NAME

73-51

YEARS

MON 7 H

NOV 5 1957

[illegible]

AL CLIMATELOGY / BUCH
METAC
FATHER SERVICE / AG

PSYCHROMETRIC SUMMARY

STATION LYY4FILL AFLL STATION NAME LYY4FILL AFLL YEARS 72-73 MONTH 12

SAF 1 HOURS 14 U.S. T.

[illegible]

JOINT MILITARY CLIMATE BRANCH
JAC
AIR FORCE SERVICE / JAC

PSYCHROMETRIC SUMMARY

STATION LYNCHVILLE AFB STATION NAME

YEARS

NONA

100-100000

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 1 | 0 | 7.7 | 10 | 11 | 13 | 14 | 17.1 | 18 | 19 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 307.779 | 1234 | 66.116 | 37 | 75 | ± 0 F | ± 32 F | ± 67 F | ± 73 F | ± 80 F | ± 93 F | |
| Dry Bulb | 4258.33 | 7.619 | 75.9 | 3.351 | 75 | | | 1.1 | 52. | 34. | . | |
| Wet Bulb | 3123.22 | 2.14 | 54.7 | 6.27 | 75 | | | 42.5 | 10.9 | . | | |
| Dew Point | 3114.77 | 534.7 | 57.5 | 9.206 | 75 | | | 14.4 | . | | | |

USAFETAC FORM 0-26-5 (OLA) BE-1 ELIMINUS ED'IONS OF THIS FORM ARE CONSTITUTE

[illegible]

THE
UNITED STATES OF AMERICA

PSYCHROMETRIC SUMMARY

STATION TOTAL HILL 2000 STATION NAME

YEARS

1997

1 - 1 - 1
HOURS 5

[illegible]

AL CLIMATOLOGY BRANCH
TAC
STATION SERVICE/AT

PSYCHROMETRIC SUMMARY

STATION EL DUE VILLI AFB STATION NAME

73-12

YEARS

**A
MONTH**

548

NO. 1000

[illegible]

$$A1 \rightarrow A2 \rightarrow A3 \rightarrow A4 \rightarrow A5 \rightarrow A6 \rightarrow A7 \rightarrow A8 \rightarrow A9 \rightarrow A10 \rightarrow A11 \rightarrow A12 \rightarrow A13 \rightarrow A14 \rightarrow A15 \rightarrow A16 \rightarrow A17 \rightarrow A18 \rightarrow A19 \rightarrow A20 \rightarrow A21 \rightarrow A22 \rightarrow A23 \rightarrow A24 \rightarrow A25 \rightarrow A26 \rightarrow A27 \rightarrow A28 \rightarrow A29 \rightarrow A30 \rightarrow A31 \rightarrow A32 \rightarrow A33 \rightarrow A34 \rightarrow A35 \rightarrow A36 \rightarrow A37 \rightarrow A38 \rightarrow A39 \rightarrow A40 \rightarrow A41 \rightarrow A42 \rightarrow A43 \rightarrow A44 \rightarrow A45 \rightarrow A46 \rightarrow A47 \rightarrow A48 \rightarrow A49 \rightarrow A50 \rightarrow A51 \rightarrow A52 \rightarrow A53 \rightarrow A54 \rightarrow A55 \rightarrow A56 \rightarrow A57 \rightarrow A58 \rightarrow A59 \rightarrow A60 \rightarrow A61 \rightarrow A62 \rightarrow A63 \rightarrow A64 \rightarrow A65 \rightarrow A66 \rightarrow A67 \rightarrow A68 \rightarrow A69 \rightarrow A70 \rightarrow A71 \rightarrow A72 \rightarrow A73 \rightarrow A74 \rightarrow A75 \rightarrow A76 \rightarrow A77 \rightarrow A78 \rightarrow A79 \rightarrow A80 \rightarrow A81 \rightarrow A82 \rightarrow A83 \rightarrow A84 \rightarrow A85 \rightarrow A86 \rightarrow A87 \rightarrow A88 \rightarrow A89 \rightarrow A90 \rightarrow A91 \rightarrow A92 \rightarrow A93 \rightarrow A94 \rightarrow A95 \rightarrow A96 \rightarrow A97 \rightarrow A98 \rightarrow A99 \rightarrow A100$$

• 1. 2. 3. 4.

DATE: SEPTEMBER 1966

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|--------------|--------------|-------|-------|
| 1. FORT BELL | AFB A | 73-20 | 53Y |

Page 1 214-27
HOURS (L.S.T.)

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 71 | | | | .1 | 1.3 | 2 | | | | | | | | | | | | 4 | 4.3 | | | | | | | | | | | | | | | | |
| 72 | | | .2 | 1.1 | 2.2 | 1 | | | | | | | | | | | | 15 | 15 | | | | | | | | | | | | | | | | |
| 73 | | | .1 | 1.7 | 3 | 1 | | | | | | | | | | | | 7 | 27 | 14 | | | | | | | | | | | | | | | |
| 74 | | | .4 | 2.2 | 1.5 | 2 | | | | | | | | | | | | 6 | 16 | 7 | 1 | | | | | | | | | | | | | | |
| 75 | .1 | 1.5 | 1.2 | 1.5 | 1 | 1.5 | | | | | | | | | | | | 29 | 29 | 15 | | | | | | | | | | | | | | | |
| 76 | | 1 | 1.1 | 1 | 1.1 | 1.3 | | | | | | | | | | | | 1 | 20 | 15 | | | | | | | | | | | | | | | |
| 77 | | | 1.4 | 1.3 | 1.3 | 1 | 1.4 | | | | | | | | | | | 109 | 109 | 11 | 1 | | | | | | | | | | | | | | |
| 78 | .1 | 2.1 | 1.5 | 1.3 | 1.3 | 1.3 | .4 | | | | | | | | | | | 4 | 14 | 1.2 | 14 | | | | | | | | | | | | | | |
| 79 | | 1.5 | 1.4 | 1.2 | 1.1 | 1 | .2 | | | | | | | | | | | 20 | 10 | 8.1 | 14 | | | | | | | | | | | | | | |
| 80 | | | 1 | 1.2 | .8 | 1.1 | .3 | | | | | | | | | | | 57 | 57 | 3 | 14 | | | | | | | | | | | | | | |
| 81 | .1 | | 1.3 | .9 | .6 | .9 | | | | | | | | | | | | 22 | 27 | 2 | 14 | | | | | | | | | | | | | | |
| 82 | | | 1 | | | .3 | .1 | | | | | | | | | | | 1 | 31 | 57 | 41 | | | | | | | | | | | | | | |
| 83 | | | .5 | .1 | .1 | .1 | | | | | | | | | | | | 2 | 22 | 52 | 14 | | | | | | | | | | | | | | |
| 84 | | | .3 | .2 | .3 | .1 | .1 | | | | | | | | | | | 11 | 11 | 37 | 65 | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | 4 | 4 | 31 | 45 | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | 1 | 1 | 16 | 33 | | | | | | | | | | | | | | |
| 87 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 31 | | | | | | | | | | | | | | |
| 88 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 14 | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | 1 | 14 | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | |
| 101 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | |
| 102 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | |
| 103 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | |
| 104 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | |
| 105 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

ALL CLIMATOLOGY SECTION
STATE
DATE 05 SEP 1960

PSYCHROMETRIC SUMMARY

| | |
|---------|--------------|
| STATION | STATION NAME |
| | |

74- -

YEARS

BY
MONTH

145

ALL
HOURS 11.5

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|----------------|----------------|----------------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | 11 | 11 | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | 71 | 71 | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | 127 | 127 | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | 148 | 148 | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | 200 | 200 | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | 278 | 278 | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | 377 | 377 | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | 478 | 478 | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | 581 | 581 | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | 686 | 686 | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | 793 | 793 | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | 902 | 902 | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | 1013 | 1013 | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | 1126 | 1126 | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | 1241 | 1241 | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | 1358 | 1358 | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | 1477 | 1477 | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | 1598 | 1598 | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | 1721 | 1721 | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | 1846 | 1846 | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | 1973 | 1973 | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | 2102 | 2102 | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | 2233 | 2233 | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | 2366 | 2366 | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | 2501 | 2501 | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | 2638 | 2638 | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | 2777 | 2777 | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | 2918 | 2918 | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | 3061 | 3061 | | | | | | | | | | | | | | | | |
| Element (X) | | | | | | | | | | | | | | | | | | | | | | Z _X | Z _X | Z _X | Z _X | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

U.S. AIR FORCE
AFMPC
AFMPC

PSYCHROMETRIC SUMMARY

1970
STATION

CLYDEVILLE AFB
STATION NAME

73-25
YEARS

194
MONTH

221
HOURS (L. S. T.)

[illegible]

GENERAL CLIMATOLOGY BRANCH
METAC
WEATHER SERVICE / PAC

PSYCHROMETRIC SUMMARY

| | |
|---------|--------------------|
| 1744.0 | CLYTHEVILLE AFB AR |
| STATION | STATION NAME |

73-47

YEARS

MONTH

PAGE 1

075-30,0

HOURS 11.5.2.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | O.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | | | | | </ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

U. S. AIR FORCE
AFSC
AFSC - SERVICE/MAJ

PSYCHROMETRIC SUMMARY

STATION LYNNVILLE AFB A STATION NAME 73-32 YEARS 1953 MONTH 10

FALL 1953 HOURS (L. S. T.)

[illegible]

AL CLIMATOLOGY BRANCH
LTC
FATHER SERVICE /MAC

PSYCHROMETRIC SUMMARY

11.0 LITTLEVILLE AFB A

12-62

U.S.:

STATION

STATION NAME

YEARS

MONTH

Page 1

100-134

HOURS I. S. T.

[illegible]

U. S. AIR FORCE
AIR FORCE
AIR FORCE

PSYCHROMETRIC SUMMARY

74
STATION

17 THEVILL AFB

STATION NAME

72-12

YEARS

MONTH

PAGE 1

1945-11-15

HOURS (U.S.T.)

[illegible]

U.S. AIR FORCE
OFFICE OF THE SECRETARY
WASHINGTON, D.C. 20330

PSYCHROMETRIC SUMMARY

STATION LYTHERVILL AFB AR STATION NAME

73-51

YEARS

MONITOR

PAGE 1 100-1450
HOURS 11:50

[illegible]

| | |
|---------|-----------------|
| 629 | LYTHEWILL AFB A |
| STATION | STATION NAME |

13-22

YEARS

MON

1-17-73
HOURS 11.5.7.

USAFETAC FORM 0.26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

YEARS

| | |
|---------|------------------|
| STATION | STATION NAME |
| 104 | LYTHEVILLE AFB A |

77-57

MONTH

FALL 1991

1. 1. 1.

HOURS 5.30

[illegible]

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

YEARS

NOV 19 1954

USAFETAC FORM 0-26.5 (OL A) JUL 64 RE - SEVERAL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMAVILLE, VA. CH.

11

27. 5. 40 199

PSYCHROMETRIC SUMMARY

STAY ON LYTHVILLE AFB STATION NAME

?? -

YEARS

MONTE

100

22

HOURS 5.15

[illegible]

AL OCEANOGRAPHY BRANCH
LTD
DATE: 15 OCT 74

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| | | | |

[illegible]

PSYCHROMETRIC SUMMARY

| | | | | | | | | |
|---------|------|------|--------------|-------|-------|-------|------|------|
| STATION | DATE | TIME | STATION NAME | YEARS | MONTH | HOURS | MIN. | SEC. |
| | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

77-111

YEARS

MONTH

54. 1. 1

HOURS (L. S. T.)

[illegible]0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

AL CLIMATOLOGY BRANCH
METEOR
EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

| | |
|---------|--------------------|
| 0234 | LYTHERVILLE AFB AR |
| STATION | STATION NAME |

73-25

YEARS

J : L

MONTH

PAGE 1 000-0000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 2 ~~7-22-11~~
HOURS 11:50 A.M.

HOURS 11 5 1

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL A)

USAFETAC

AL CLIMATOLOGY RESEARCH
METAC
FATHER SURVIVORS

PSYCHROMETRIC SUMMARY

12:44 PM LYNCHVILLE AFB A

75-87

U z

STATION

STATION NAME

YEARS

MONTH

1

100-142

HOURS: 11:50 A.M.

[illegible]

NATIONAL CLIMATOLOGY - MARCH
 MONTHLY
 AIR DATA & SERVICE / AC

PSYCHROMETRIC SUMMARY

STATION LYNCHVILLE AFB A 73-62 JUL
STATION NAME YEARS MONTH

FIG 1 1500-17
HOURS 11 5 3

[illegible]

NATIONAL CLIMATOLOGY BRANCH
 STAG
 PATTERNS SERVICE/STAG

PSYCHROMETRIC SUMMARY

| | |
|---------|----------------|
| 0234 | LYTHEVILLE AFB |
| STATION | STATION NAME |

73-67

YEARS

JUL
MONTH

Page 1 1870-2000
HOURS (L.S.T.)[illegible]

—

MILITARY ORNATOLOGY BRANCH
 METAC
 A. B. BATHUR SERVICE / AC

PSYCHROMETRIC SUMMARY

STATION LYTHEVILLE AFB GA

23-62

YEARS

MONTH

71-6-23-1
HOURS (L. S. T.)

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-----|-----|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 7 51 | | | | | | | | | .1 | .2 | .7 | | | | | | | 6 | 6 | | | | | | | | | | | | | | | | |
| 7 51 | | | | | | | | | .2 | .4 | .2 | | | | | | | 1 | 14 | | | | | | | | | | | | | | | | |
| 7 51 | | | | | | | | .1 | .4 | .7 | | | | | | | | 14 | 14 | | | | | | | | | | | | | | | | |
| 7 57 | | | | | .1 | 1.4 | 1.1 | 1.1 | .1 | .1 | | | | | | | | 3 | 6 | | | | | | | | | | | | | | | | |
| 7 59 | | | .2 | 1.3 | 1.6 | 1. | | .3 | .1 | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 7 59 | | .1 | .4 | 2.4 | 3.1 | 2.4 | | .2 | | | | | | | | | | 8 | 10 | | | | | | | | | | | | | | | | |
| 7 59 | | .2 | 1.7 | 4.2 | 4.6 | 1.4 | .3 | .7 | | | | | | | | | | 17.9 | 130 | 4 | 1 | | | | | | | | | | | | | | |
| 7 70 | | .4 | 1.6 | 4.4 | 4.4 | 1.4 | .2 | .2 | | | | | | | | | | 15.1 | 15.7 | 15 | 1 | | | | | | | | | | | | | | |
| 7 77 | | 1.5 | 3.9 | 5.7 | 3.4 | 1.2 | .2 | | | | | | | | | | | 17.7 | 17.7 | 5 | 15 | | | | | | | | | | | | | | |
| 7 77 | | 2.4 | 3.1 | 4.4 | 2.5 | .3 | .4 | | | | | | | | | | | 1.1 | 1.1 | 1.2 | 44 | | | | | | | | | | | | | | |
| 7 77 | | 3. | 2.3 | 2.2 | 1.1 | .3 | | | | | | | | | | | | 7.7 | 7.7 | 200 | 102 | | | | | | | | | | | | | | |
| 7 71 | .1 | 1.1 | 1.1 | .1 | .3 | .2 | | | | | | | | | | | | 3.7 | 3.7 | 102 | 102 | | | | | | | | | | | | | | |
| 7 69 | | .2 | .1 | .3 | .1 | | | | | | | | | | | | | 7 | 7 | 115 | 174 | | | | | | | | | | | | | | |
| 7 57 | | | .2 | .2 | | | | | | | | | | | | | | 4 | 4 | 4.7 | 11.7 | | | | | | | | | | | | | | |
| 6 57 | | .2 | .1 | .1 | | | | | | | | | | | | | | 5 | 4 | 2.7 | 6.1 | | | | | | | | | | | | | | |
| 7 53 | | | | | | | | | | | | | | | | | | | | 2.2 | .1 | | | | | | | | | | | | | | |
| 7 51 | | | | | | | | | | | | | | | | | | | | 7 | 3.1 | | | | | | | | | | | | | | |
| 7 59 | | | | | | | | | | | | | | | | | | | | | 15 | | | | | | | | | | | | | | |
| 7 57 | | | | | | | | | | | | | | | | | | | | | 15 | | | | | | | | | | | | | | |
| 7 55 | | | | | | | | | | | | | | | | | | | | | 15 | | | | | | | | | | | | | | |
| 7 47 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| TTL | .2 | 1.5 | 2.1 | 1.26 | .92 | 1.11 | .7 | 4.5 | 3.2 | 1.2 | 1.3 | .5 | .1 | | | | | | | | 9 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | 950 | | 950 | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------|
| 00040 | PLYTHEVILLE AFB A |
| STATION | STATION NAME |

73-42

YEARS.

MONTH

5.2

• 1 :

| HOURLS | S | T |
|--------|---|---|
| 1 | 1 | 1 |
| 2 | 1 | 1 |
| 3 | 1 | 1 |
| 4 | 1 | 1 |
| 5 | 1 | 1 |
| 6 | 1 | 1 |
| 7 | 1 | 1 |
| 8 | 1 | 1 |
| 9 | 1 | 1 |
| 10 | 1 | 1 |
| 11 | 1 | 1 |
| 12 | 1 | 1 |
| 13 | 1 | 1 |
| 14 | 1 | 1 |
| 15 | 1 | 1 |
| 16 | 1 | 1 |
| 17 | 1 | 1 |
| 18 | 1 | 1 |
| 19 | 1 | 1 |
| 20 | 1 | 1 |
| 21 | 1 | 1 |
| 22 | 1 | 1 |
| 23 | 1 | 1 |
| 24 | 1 | 1 |

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 71.0 | | | | | | | | | | | | | | | .1 | .1 | | 16 | 16 | | | | | | | | | | | | | | | | |
| 71.1 | | | | | | | | | | | | | | .1 | .1 | .1 | | 28 | 28 | | | | | | | | | | | | | | | | |
| 71.2 | | | | | | | | | | | | | | .1 | .1 | .1 | | 41 | 41 | | | | | | | | | | | | | | | | |
| 71.3 | | | | | | | | | | | | | | .1 | .1 | .1 | | 54 | 54 | | | | | | | | | | | | | | | | |
| 71.4 | | | | | | | | | | | | | | .1 | .1 | .1 | | 67 | 67 | | | | | | | | | | | | | | | | |
| 71.5 | | | | | | | | | | | | | | .1 | .1 | .1 | | 81 | 81 | | | | | | | | | | | | | | | | |
| 71.6 | | | | | | | | | | | | | | .1 | .1 | .1 | | 94 | 94 | | | | | | | | | | | | | | | | |
| 71.7 | | | | | | | | | | | | | | .1 | .1 | .1 | | 107 | 107 | | | | | | | | | | | | | | | | |
| 71.8 | | | | | | | | | | | | | | .1 | .1 | .1 | | 120 | 120 | | | | | | | | | | | | | | | | |
| 71.9 | | | | | | | | | | | | | | .1 | .1 | .1 | | 133 | 133 | | | | | | | | | | | | | | | | |
| 72.0 | | | | | | | | | | | | | | .1 | .1 | .1 | | 146 | 146 | | | | | | | | | | | | | | | | |
| 72.1 | | | | | | | | | | | | | | .1 | .1 | .1 | | 159 | 159 | | | | | | | | | | | | | | | | |
| 72.2 | | | | | | | | | | | | | | .1 | .1 | .1 | | 172 | 172 | | | | | | | | | | | | | | | | |
| 72.3 | | | | | | | | | | | | | | .1 | .1 | .1 | | 185 | 185 | | | | | | | | | | | | | | | | |
| 72.4 | | | | | | | | | | | | | | .1 | .1 | .1 | | 198 | 198 | | | | | | | | | | | | | | | | |
| 72.5 | | | | | | | | | | | | | | .1 | .1 | .1 | | 211 | 211 | | | | | | | | | | | | | | | | |
| 72.6 | | | | | | | | | | | | | | .1 | .1 | .1 | | 224 | 224 | | | | | | | | | | | | | | | | |
| 72.7 | | | | | | | | | | | | | | .1 | .1 | .1 | | 237 | 237 | | | | | | | | | | | | | | | | |
| 72.8 | | | | | | | | | | | | | | .1 | .1 | .1 | | 250 | 250 | | | | | | | | | | | | | | | | |
| 72.9 | | | | | | | | | | | | | | .1 | .1 | .1 | | 263 | 263 | | | | | | | | | | | | | | | | |
| 73.0 | | | | | | | | | | | | | | .1 | .1 | .1 | | 276 | 276 | | | | | | | | | | | | | | | | |
| 73.1 | | | | | | | | | | | | | | .1 | .1 | .1 | | 289 | 289 | | | | | | | | | | | | | | | | |
| 73.2 | | | | | | | | | | | | | | .1 | .1 | .1 | | 302 | 302 | | | | | | | | | | | | | | | | |
| 73.3 | | | | | | | | | | | | | | .1 | .1 | .1 | | 315 | 315 | | | | | | | | | | | | | | | | |
| 73.4 | | | | | | | | | | | | | | .1 | .1 | .1 | | 328 | 328 | | | | | | | | | | | | | | | | |
| 73.5 | | | | | | | | | | | | | | .1 | .1 | .1 | | 341 | 341 | | | | | | | | | | | | | | | | |
| 73.6 | | | | | | | | | | | | | | .1 | .1 | .1 | | 354 | 354 | | | | | | | | | | | | | | | | |
| 73.7 | | | | | | | | | | | | | | .1 | .1 | .1 | | 367 | 367 | | | | | | | | | | | | | | | | |
| 73.8 | | | | | | | | | | | | | | .1 | .1 | .1 | | 380 | 380 | | | | | | | | | | | | | | | | |
| 73.9 | | | | | | | | | | | | | | .1 | .1 | .1 | | 393 | 393 | | | | | | | | | | | | | | | | |
| 74.0 | | | | | | | | | | | | | | .1 | .1 | .1 | | 406 | 406 | | | | | | | | | | | | | | | | |
| 74.1 | | | | | | | | | | | | | | .1 | .1 | .1 | | 419 | 419 | | | | | | | | | | | | | | | | |
| 74.2 | | | | | | | | | | | | | | .1 | .1 | .1 | | 432 | 432 | | | | | | | | | | | | | | | | |
| 74.3 | | | | | | | | | | | | | | .1 | .1 | .1 | | 445 | 445 | | | | | | | | | | | | | | | | |
| 74.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

STATION 24 STATION NAME 12TH MIL AFB

73-42

YEARS

MON T

548

MOUSE

[illegible]

| | | | |
|---------|--------------|-------|-------|
| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|

USAFETAC FORM 0.26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

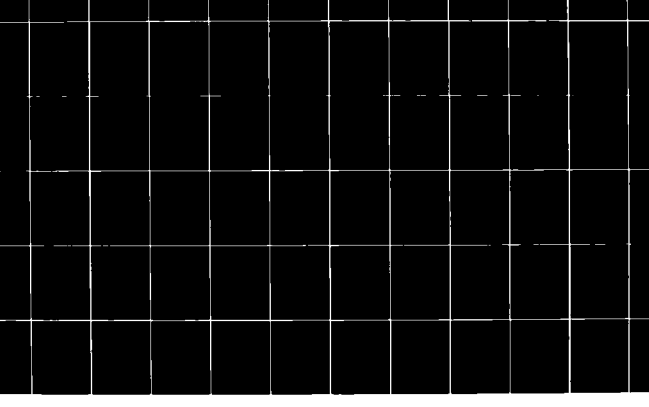
5/5

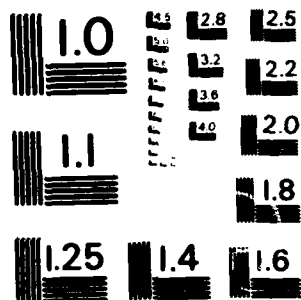
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UNCLASSIFIED

USAFETAC/DS-83/025 SB1-AD-E850 403

F/G 4/2





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963-A

STATION LYTHEVILLE AFB AL STATION N

MONTE

~~CONFIDENTIAL~~

[illegible]

USAFETAC

AL CLIMATOLOGY BRANCH
JAC
CATHY SERVICE/JAC

PSYCHROMETRIC SUMMARY

174. LITTLEVILLE AFB AR

73-56

YEARS

2, 1
MONTH

PAGE 1 295-1100
HOURS: L. S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|---|----|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 70 | | | | | | | | | | | | | | | | | | .4 | .6 | | | | | | | | | | | | | | 10 | 11 | | |
| 71 | | | | | | | | | | | | | | | | | | .5 | .7 | | | | | | | | | | | | | | 11 | 12 | | |
| 72 | | | | | | | | | | | | | 1.1 | 1.1 | | | .5 | .1 | .1 | | | | | | | | | | | | | | 74 | 74 | | |
| 73 | | | | | | | | | | | | 1.2 | 1.2 | 1.2 | | .6 | .1 | | | | | | | | | | | | | | | | 75 | 75 | | |
| 74 | | | .1 | | | | | 1.1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | | .4 | .1 | | | | | | | | | | | | | | | | | 73 | 73 | | |
| 75 | | | | | 1.1 | | | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | | .1 | | | | | | | | | | | | | | | | | 117 | 117 | 1 | 1 |
| 76 | | | | | | 1.1 | | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | | | | | | | | | | | | | | | | | | 118 | 118 | | |
| 77 | | | | | | | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | | | | | | | | | | | | | | | | | 118 | 118 | | |
| 78 | | | | | | | | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | | | | | | | | | | | | | | | | 117 | 117 | | |
| 79 | | | | | | | | | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | | | | | | | | | | | | | | | 117 | 117 | | |
| 80 | | | | | | | | | | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | | | | | | | | | | | | | | 117 | 117 | | |
| 81 | | | | | | | | | | | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | | | | | | | | | | | | | 117 | 117 | | |
| 82 | | | | | | | | | | | | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | | | | | | | | | | | | 117 | 117 | | |
| 83 | | | | | | | | | | | | | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | | | | | | | | | | | 117 | 117 | | |
| 84 | | | | | | | | | | | | | | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | | | | | | | | | | 117 | 117 | | |
| 85 | | | | | | | | | | | | | | | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | | | | | | | | | 117 | 117 | | |
| 86 | | | | | | | | | | | | | | | | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | | | | | | | | 117 | 117 | | |
| 87 | | | | | | | | | | | | | | | | | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | | | | | | | 117 | 117 | | |
| 88 | | | | | | | | | | | | | | | | | | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | | | | | | 117 | 117 | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

JOINT CLIMATOLOGY BRANCH
ATTN:
AIR PATH & SERVICE/MAO

PSYCHROMETRIC SUMMARY

| | |
|--------------|-----------------|
| STATION | ALYTHO, ILL AFB |
| STATION NAME | |

72-57

YEARS

2 !
MONTH

PAGE 1 100-1700
HOURS 11:51

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | .1 | .3 | | | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | .4 | .1 | | | | | 7 | 7 | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | .1 | .3 | .3 | | | | | 26 | 26 | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | .2 | 1.7 | .6 | .2 | | | | | | 32 | 32 | | | | | | | | | | | | | | | | |
| 73 | | | | | | .1 | | 1.1 | 2.4 | 1.4 | 1.3 | .5 | .2 | | | | | 74 | 74 | | | | | | | | | | | | | | | | |
| 72 | | | | | .4 | 1.2 | 3.2 | 1.3 | 1.2 | .6 | .1 | .1 | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 71 | | | | | .7 | 1.4 | 2.7 | 3.5 | 2.7 | 1.2 | .3 | .1 | | | | | | 112 | 112 | | | | | | | | | | | | | | | | |
| 70 | | | | | .7 | 3.6 | 4.1 | 2.7 | 1.4 | 1.5 | .4 | | | | | | | 133 | 133 | | | | | | | | | | | | | | | | |
| 69 | | | | .1 | 1.1 | 4.3 | 7.1 | 1.1 | 1.5 | .4 | .1 | .2 | | | | | | 117 | 117 | | | | | | | | | | | | | | | | |
| 68 | | | | 1.4 | 2.7 | 1.7 | 1.2 | .4 | .6 | .6 | .2 | | | | | | | 79 | 79 | | | | | | | | | | | | | | | | |
| 67 | | | | .2 | 2.2 | 1.1 | 1.3 | 1.4 | 1.7 | | .2 | | | | | | | 76 | 76 | 71 | 3 | | | | | | | | | | | | | | |
| 66 | | | | .4 | 1.2 | 2.1 | 1.6 | 1.2 | 1.1 | .1 | | | | | | | | 71 | 71 | 70 | 4 | | | | | | | | | | | | | | |
| 65 | | | .4 | | 1.1 | | .3 | | | | | | | | | | | 66 | 66 | 156 | 20 | | | | | | | | | | | | | | |
| 64 | | | .4 | 1.4 | .3 | .1 | .2 | | | | | | | | | | | 27 | 27 | 146 | 54 | | | | | | | | | | | | | | |
| 63 | | | .6 | | .3 | | | | | | | | | | | | | 14 | 14 | 146 | 143 | | | | | | | | | | | | | | |
| 62 | | | 1.3 | .1 | .3 | | | | | | | | | | | | | 16 | 16 | 112 | 133 | | | | | | | | | | | | | | |
| 61 | | | .4 | .5 | | | | | | | | | | | | | | 6 | 6 | 45 | 146 | | | | | | | | | | | | | | |
| 60 | | | .4 | | | | | | | | | | | | | | | 2 | 2 | 45 | 116 | | | | | | | | | | | | | | |
| 59 | | | | | | | | | | | | | | | | | | | | 73 | 7 | | | | | | | | | | | | | | |
| 58 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| 57 | | | | | | | | | | | | | | | | | | | | | 57 | | | | | | | | | | | | | | |
| 56 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| 55 | | | | | | | | | | | | | | | | | | | | | 24 | | | | | | | | | | | | | | |
| 54 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | | |
| 53 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | | | | </ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

1224 STATION FLYING WIL AFB STATION NAME

73-42

YEARS

MC + T

F A 50 1

~~14-00000~~
MOUSE 11 5 1

| Temp.
(F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | TOTAL
D.B. W.B. | TOTAL
Dry Bulb Wet Bulb Dew Point |
|--------------|---|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|--------------------|--------------------------------------|
| 97 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 96 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 95 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 94 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 93 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 92 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 91 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 90 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 89 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 88 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 87 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 86 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 85 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 84 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 83 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 82 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 81 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 80 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 79 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 78 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 77 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 76 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 75 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 74 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 73 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 72 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 71 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 70 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 69 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 68 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 67 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 66 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 65 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 64 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 63 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 62 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 61 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 60 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 59 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 58 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 57 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 56 | | | | | | | | | | | | | | | | | | 1 | 1 |
| 55 | | | | | | | | | | | | | | | | | | | |

GENERAL CLIMATELOGY DATA SHEET
 NAME: TAC
 ADDRESS: STATION 5500 AFAC

PSYCHROMETRIC SUMMARY

DATE: 10-17-68

'z-.

STATION

STATION NAME

YEARS

MONTH

DATE: 11-2-77
HOURS: 15.30

[illegible]

AL CLIMATECLOGY - RANCH
CLAC
LATER SERVICE/ALAC

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|----------------|-------|-------|
| 73-8 | LYTHOVILLE AFB | | |

[illegible]

112

AT - 55-1107-20

PSYCHROMETRIC SUMMARY

STATION LYTHE HILL AFB
STATION NAME

—

YEARS

MONTANA

1999

~~12-2-68~~
HOURS: L. S. T.

[illegible]

USAFETAC

AL CLIMATEALPHY BRANCH
LEAS
DATE: SEP. 10, 1961

PSYCHROMETRIC SUMMARY

[illegible][illegible]

1. CLIMATE BRANCH
 1. CLIMATE
 1. CLIMATE BRANCH

PSYCHROMETRIC SUMMARY

STATION 14714111 AF 4 73-32 YEARS MONTH 1-2-14 HOURS 11.57

[illegible]

PSYCHROMETRIC SUMMARY

73-37
STATION NAME
STATION
73-37
YEARS
MONTH
FA
HOURS L.S.T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 7 / 67 | | | | | | | | | | | | | | | | | | 4 | 6 | | | | | | | | | | | | | | | | |
| 7 / 69 | | | | | | | | | | | | | | | | | | 5 | 7 | | | | | | | | | | | | | | | | |
| 7 / 71 | | | | | | | | | | | | | | | | | | 6 | 8 | | | | | | | | | | | | | | | | |
| 7 / 73 | | | | | | | | | | | | | | | | | | 7 | 9 | | | | | | | | | | | | | | | | |
| 7 / 75 | | | | | | | | | | | | | | | | | | 8 | 10 | | | | | | | | | | | | | | | | |
| 7 / 77 | | | | | | | | | | | | | | | | | | 9 | 11 | | | | | | | | | | | | | | | | |
| 7 / 79 | | | | | | | | | | | | | | | | | | 10 | 12 | | | | | | | | | | | | | | | | |
| 7 / 81 | | | | | | | | | | | | | | | | | | 11 | 13 | | | | | | | | | | | | | | | | |
| 7 / 83 | | | | | | | | | | | | | | | | | | 12 | 14 | | | | | | | | | | | | | | | | |
| 7 / 85 | | | | | | | | | | | | | | | | | | 13 | 15 | | | | | | | | | | | | | | | | |
| 7 / 87 | | | | | | | | | | | | | | | | | | 14 | 16 | | | | | | | | | | | | | | | | |
| 7 / 89 | | | | | | | | | | | | | | | | | | 15 | 17 | | | | | | | | | | | | | | | | |
| 7 / 91 | | | | | | | | | | | | | | | | | | 16 | 18 | | | | | | | | | | | | | | | | |
| 7 / 93 | | | | | | | | | | | | | | | | | | 17 | 19 | | | | | | | | | | | | | | | | |
| 7 / 95 | | | | | | | | | | | | | | | | | | 18 | 20 | | | | | | | | | | | | | | | | |
| 7 / 97 | | | | | | | | | | | | | | | | | | 19 | 21 | | | | | | | | | | | | | | | | |
| 7 / 99 | | | | | | | | | | | | | | | | | | 20 | 22 | | | | | | | | | | | | | | | | |
| 7 / 101 | | | | | | | | | | | | | | | | | | 21 | 23 | | | | | | | | | | | | | | | | |
| 7 / 103 | | | | | | | | | | | | | | | | | | 22 | 24 | | | | | | | | | | | | | | | | |
| 7 / 105 | | | | | | | | | | | | | | | | | | 23 | 25 | | | | | | | | | | | | | | | | |
| 7 / 107 | | | | | | | | | | | | | | | | | | 24 | 26 | | | | | | | | | | | | | | | | |
| 7 / 109 | | | | | | | | | | | | | | | | | | 25 | 27 | | | | | | | | | | | | | | | | |
| 7 / 111 | | | | | | | | | | | | | | | | | | 26 | 28 | | | | | | | | | | | | | | | | |
| 7 / 113 | | | | | | | | | | | | | | | | | | 27 | 29 | | | | | | | | | | | | | | | | |
| 7 / 115 | | | | | | | | | | | | | | | | | | 28 | 30 | | | | | | | | | | | | | | | | |
| 7 / 117 | | | | | | | | | | | | | | | | | | 29 | 31 | | | | | | | | | | | | | | | | |
| 7 / 119 | | | | | | | | | | | | | | | | | | 30 | 32 | | | | | | | | | | | | | | | | |
| 7 / 121 | | | | | | | | | | | | | | | | | | 31 | 33 | | | | | | | | | | | | | | | | |
| 7 / 123 | | | | | | | | | | | | | | | | | | 32 | 34 | | | | | | | | | | | | | | | | |
| 7 / 125 | | | | | | | | | | | | | | | | | | 33 | 35 | | | | | | | | | | | | | | | | |
| 7 / 127 | | | | | | | | | | | | | | | | | | 34 | 36 | | | | | | | | | | | | | | | | |
| 7 / 129 | | | | | | | | | | | | | | | | | | 35 | 37 | | | | | | | | | | | | | | | | |
| 7 / 131 | | | | | | | | | | | | | | | | | | 36 | 38 | | | | | | | | | | | | | | | | |
| 7 / 133 | | | | | | | | | | | | | | | | | | 37 | 39 | | | | | | | | | | | | | | | | |
| 7 / 135 | | | | | | | | | | | | | | | | | | 38 | 40 | | | | | | | | | | | | | | | | |
| 7 / 137 | | | | | | | | | | | | | | | | | | 39 | 41 | | | | | | | | | | | | | | | | |
| 7 / 139 | | | | </ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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CENTRAL CLIMATE BUREAU - WASHINGTON
CLIMATE SECTION

PSYCHROMETRIC SUMMARY

121412Z -LYTHSWILL AFB 1
STATION STATION NAME

YEARS

151

HOURS

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------------|----------|----------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. - W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 111 | 1.4 | 1.7 | 1.1 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | 10.1 | 10.2 | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 | 13.0 | 13.1 | 13.2 | 13.3 | 13.4 | 13.5 | 13.6 | 13.7 | 13.8 | 13.9 | 14.0 | 14.1 | 14.2 | 14.3 | 14.4 | 14.5 | 14.6 | 14.7 | 14.8 | 14.9 | 15.0 | 15.1 | 15.2 | 15.3 | 15.4 | 15.5 | 15.6 | 15.7 | 15.8 | 15.9 | 16.0 | 16.1 | 16.2 | 16.3 | 16.4 | 16.5 | 16.6 | 16.7 | 16.8 | 16.9 | 17.0 | 17.1 | 17.2 | 17.3 | 17.4 | 17.5 | 17.6 | 17.7 | 17.8 | 17.9 | 18.0 | 18.1 | 18.2 | 18.3 | 18.4 | 18.5 | 18.6 | 18.7 | 18.8 | 18.9 | 19.0 | 19.1 | 19.2 | 19.3 | 19.4 | 19.5 | 19.6 | 19.7 | 19.8 | 19.9 | 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 30.0 | 30.1 | 30.2 | 30.3 | 30.4 | 30.5 | 30.6 | 30.7 | 30.8 | 30.9 | 31.0 | 31.1 | 31.2 | 31.3 | 31.4 | 31.5 | 31.6 | 31.7 | 31.8 | 31.9 | 32.0 | 32.1 | 32.2 | 32.3 | 32.4 | 32.5 | 32.6 | 32.7 | 32.8 | 32.9 | 33.0 | 33.1 | 33.2 | 33.3 | 33.4 | 33.5 | 33.6 | 33.7 | 33.8 | 33.9 | 34.0 | 34.1 | 34.2 | 34.3 | 34.4 | 34.5 | 34.6 | 34.7 | 34.8 | 34.9 | 35.0 | 35.1 | 35.2 | 35.3 | 35.4 | 35.5 | 35.6 | 35.7 | 35.8 | 35.9 | 36.0 | 36.1 | 36.2 | 36.3 | 36.4 | 36.5 | 36.6 | 36.7 | 36.8 | 36.9 | 37.0 | 37.1 | 37.2 | 37.3 | 37.4 | 37.5 | 37.6 | 37.7 | 37.8 | 37.9 | 38.0 | 38.1 | 38.2 | 38.3 | 38.4 | 38.5 | 38.6 | 38.7 | 38.8 | 38.9 | 39.0 | 39.1 | 39.2 | 39.3 | 39.4 | 39.5 | 39.6 | 39.7 | 39.8 | 39.9 | 40.0 | 40.1 | 40.2 | 40.3 | 40.4 | 40.5 | 40.6 | 40.7 | 40.8 | 40.9 | 41.0 | 41.1 | 41.2 | 41.3 | 41.4 | 41.5 | 41.6 | 41.7 | 41.8 | 41.9 | 42.0 | 42.1 | 42.2 | 42.3 | 42.4 | 42.5 | 42.6 | 42.7 | 42.8 | 42.9 | 43.0 | 43.1 | 43.2 | 43.3 | 43.4 | 43.5 | |

AL CLIMATELOG: ACH
TAC
TATE: 6 SEP 1964/TAC

PSYCHROMETRIC SUMMARY

STATION LOTHSVILLE AFB A STATION NAME

73-42

YEARS

MONTH

5. A. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 84

MOUSE

[illegible]

130

DATE: 05.10.1980

i

73-

YEARS

MONTH

74. 11-10-50
HOURS 11.50

USAFETAC FORM 0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

YEARS MONTH
HOURS U. S. T.

| | | | |
|---------|--------------|-------|-------|
| STATION | STATION NAME | YEARS | MONTH |
| 73-50 | 73-50 | 73-50 | 73-50 |

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 60 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 60.0 | 60.0 | 60.0 | 60.0 |
| 61 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 61.0 | 61.0 | 61.0 | 61.0 |
| 62 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 62.0 | 62.0 | 62.0 | 62.0 |
| 63 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 63.0 | 63.0 | 63.0 | 63.0 |
| 64 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 64.0 | 64.0 | 64.0 | 64.0 |
| 65 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 65.0 | 65.0 | 65.0 | 65.0 |
| 66 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 66.0 | 66.0 | 66.0 | 66.0 |
| 67 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 67.0 | 67.0 | 67.0 | 67.0 |
| 68 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 68.0 | 68.0 | 68.0 | 68.0 |
| 69 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 69.0 | 69.0 | 69.0 | 69.0 |
| 70 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 70.0 | 70.0 | 70.0 | 70.0 |
| 71 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 71.0 | 71.0 | 71.0 | 71.0 |
| 72 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

NATIONAL CLIMATOLOGY BRANCH
 METEOROLOGICAL SERVICE
 1000 EAST 17TH AVENUE

PSYCHROMETRIC SUMMARY

| | | | |
|----------------|--------------|-------|--------------|
| STATION | STATION NAME | YEARS | MONTH |
| LYT-SVILLE A13 | | 1957 | 12 |
| | | | 1958-14 |
| | | | HOURS U.S.T. |

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|-------|-----------|----------|----------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 0.3 | 0.7 | 1.1 | 1.5 | 1.9 | 2.3 | 2.7 | 3.1 | 3.5 | 3.9 | 4.3 | 4.7 | 5.1 | 5.5 | 5.9 | 6.3 | 6.7 | 7.1 | 7.5 | 7.9 | 8.3 | 8.7 | 9.1 | 9.5 | 9.9 | 10.3 | 10.7 | 11.1 | 11.5 | 11.9 | 12.3 | 12.7 | 13.1 | 13.5 | 13.9 | 14.3 | 14.7 | 15.1 | 15.5 | 15.9 | 16.3 | 16.7 | 17.1 | 17.5 | 17.9 | 18.3 | 18.7 | 19.1 | 19.5 | 19.9 | 20.3 | 20.7 | 21.1 | 21.5 | 21.9 | 22.3 | 22.7 | 23.1 | 23.5 | 23.9 | 24.3 | 24.7 | 25.1 | 25.5 | 25.9 | 26.3 | 26.7 | 27.1 | 27.5 | 27.9 | 28.3 | 28.7 | 29.1 | 29.5 | 29.9 | 30.3 | 30.7 | 31.1 | 31.5 | 31.9 | 32.3 | 32.7 | 33.1 | 33.5 | 33.9 | 34.3 | 34.7 | 35.1 | 35.5 | 35.9 | 36.3 | 36.7 | 37.1 | 37.5 | 37.9 | 38.3 | 38.7 | 39.1 | 39.5 | 39.9 | 40.3 | 40.7 | 41.1 | 41.5 | 41.9 | 42.3 | 42.7 | 43.1 | 43.5 | 43.9 | 44.3 | 44.7 | 45.1 | 45.5 | 45.9 | 46.3 | 46.7 | 47.1 | 47.5 | 47.9 | 48.3 | 48.7 | 49.1 | 49.5 | 49.9 | 50.3 | 50.7 | 51.1 | 51.5 | 51.9 | 52.3 | 52.7 | 53.1 | 53.5 | 53.9 | 54.3 | 54.7 | 55.1 | 55.5 | 55.9 | 56.3 | 56.7 | 57.1 | 57.5 | 57.9 | 58.3 | 58.7 | 59.1 | 59.5 | 59.9 | 60.3 | 60.7 | 61.1 | 61.5 | 61.9 | 62.3 | 62.7 | 63.1 | 63.5 | 63.9 | 64.3 | 64.7 | 65.1 | 65.5 | 65.9 | 66.3 | 66.7 | 67.1 | 67.5 | 67.9 | 68.3 | 68.7 | 69.1 | 69.5 | 69.9 | 70.3 | 70.7 | 71.1 | 71.5 | 71.9 | 72.3 | 72.7 | 73.1 | 73.5 | 73.9 | 74.3 | 74.7 | 75.1 | 75.5 | 75.9 | 76.3 | 76.7 | 77.1 | 77.5 | 77.9 | 78.3 | 78.7 | 79.1 | 79.5 | 79.9 | 80.3 | 80.7 | 81.1 | 81.5 | 81.9 | 82.3 | 82.7 | 83.1 | 83.5 | 83.9 | 84.3 | 84.7 | 85.1 | 85.5 | 85.9 | 86.3 | 86.7 | 87.1 | 87.5 | 87.9 | 88.3 | 88.7 | 89.1 | 89.5 | 89.9 | 90.3 | 90.7 | 91.1 | 91.5 | 91.9 | 92.3 | 92.7 | 93.1 | 93.5 | 93.9 | 94.3 | 94.7 | 95.1 | 95.5 | 95.9 | 96.3 | 96.7 | 97.1 | 97.5 | 97.9 | 98.3 | 98.7 | 99.1 | 99.5 | 99.9 | 100.3 | 100.7 | 101.1 | 101.5 | 101.9 | 102.3 | 102.7 | 103.1 | 103.5 | 103.9 | 104.3 | 104.7 | 105.1 | 105.5 | 105.9 | 106.3 | 106.7 | 107.1 | 107.5 | 107.9 | 108.3 | 108.7 | 109.1 | 109.5 | 109.9 | 110.3 | 110.7 | 111.1 | 111.5 | 111.9 | 112.3 | 112.7 | 113.1 | 113.5 | 113.9 | 114.3 | 114.7 | 115.1 | 115.5 | 115.9 | 116.3 | 116.7 | 117.1 | 117.5 | 117.9 | 118.3 | 118.7 | 119.1 | 119.5 | 119.9 | 120.3 | 120.7 | 121.1 | 121.5 | 121.9 | 122.3 | 122.7 | 123.1 | 123.5 | 123.9 | 124.3 | 124.7 | 125.1 | 125.5 | 125.9 | 126.3 | 126.7 | 127.1 | 127.5 | 127.9 | 128.3 | 128.7 | 129.1 | 129.5 | 129.9 | 130.3 | 130.7 | 131.1 | 131.5 | 131.9 | 132.3 | 132.7 | 133.1 | 133.5 | 133.9 | 134.3 | 134.7 | 135.1 | 135.5 | 135.9 | 136.3 | 136.7 | 137.1 | 137.5 | 137.9 | 138.3 | 138.7 | 139.1 | 139.5 | 139.9 | 140.3 | 140.7 | 141.1 | 141.5 | 141.9 | 142.3 | 142.7 | 143.1 | 143.5 | 143.9 | 144.3 | 144.7 | 145.1 | 145.5 | 145.9 | 146.3 | 146.7 | 147.1 | 147.5 | 147.9 | 148.3 | 148.7 | 149.1 | 149.5 | 149.9 | 150.3 | 150.7 | 151.1 | 151.5 | 151.9 | 152.3 | 152.7 | 153.1 | 153.5 | 153.9 | 154.3 | 154.7 | 155.1 | 155.5 | 155.9 | 156.3 | 156.7 | 157.1 | 157.5 | 157.9 | 158.3 | 158.7 | 159.1 | 159.5 | 159.9 | 160.3 | 160.7 | |

AL BUREAU OF INVESTIGATION
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

PSYCHROMETRIC SUMMARY

STATION ALBUQUERQUE AFB NM STATION NAME

22-1

YEARS

MONTE

222

154-17

HOURS: 1 5 9

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 01-28-2001 BY 60322 UCBAW

PSYCHROMETRIC SUMMARY

STATION NAME

73-42

YEARS

MONTE

2011

HOURS 4.59.

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

NOV 19 1953

[illegible]

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

40-61197-Sub C, Page 12

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

MONTH

HOURS 5:30

[illegible]

AL JILIBILLY - 1.00

12

— 22 —

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTGOMERY

~~25-21~~
HOURS 15.5

[illegible]

PSYCHROMETRIC SUMMARY

| | | | | |
|--------------|------------------|-------|--|-------------|
| STATION | MATTHEWVILLE AFB | 73-80 | | |
| STATION NAME | | YEARS | | MONTH |
| | | | | 12 1964 |
| | | | | HOURS 1 S T |

[illegible]

AL CLIMATOLOGO Y SAISON
ESTADISTICA
A LATAM SE VIO A LAS

PSYCHROMETRIC SUMMARY

STATION 4. TONGUE POINT AFB STATION NAME

YEARS

MONY

 -

HOURS S T

| Temp
(F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | * 31 | TOTAL
D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
|-------------|------------------|----------------|--------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|--------------------|----------|----------|-----------|---|
| 17 | 1.7 | 14. | 14. | 16. | 414. | 313. | 11. | 7 | 6. | 3. | 7. | 6. | .1 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| Element (X) | Z _x ' | Z _x | X̄ | s _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 2.20012 | 2.3000 | 50.000 | 7.7 | 825 | = 0 F | = 32 F | = 67 F | = 73 F | = 80 F | = 93 F | Total | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 2.74302 | 2.747 | 51.401 | 333 | 825 | | 1.1 | 1.9 | 2.7 | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 2.22122 | 2.422 | 42.122 | 141 | 825 | | 3.2 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 1.15067 | 2.072 | 47.012 | 246 | 825 | | 2.4 | 0.5 | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM 0-26.5 (OL A) RE-SEED PREVIOUS EDITIONS OF THIS PROGRAM ARE OBSOLETE

USAFETAC

AL CLIMATE 100-104

PSYCHROMETRIC SUMMARY

47 93-100 1 2

100-11111-155

73-24

STAT 2N

STATION NAME

YEARS

MAN'S

1991]

100-17

HOURS: S. T.

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

MON 7 11

USAFETAC
FORM
JUL 64
0265 (OL A)
BEHIND MEANS EDWARDS FOR THIS - QW ARE - QW LITE

ALBUQUERQUE, N. M. 87105

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|------------------|------------------|-------|-------|
| CLINTONVILLE AFB | CLINTONVILLE AFB | 77-10 | 10 |

8 L 1 21-3-77
HOURS 11.5.77

[illegible]

U.S. CLIMATELOGY RESEARCH
INSTITUTE
P.O. BOX 10000
WASHINGTON, D.C. 20001

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH | HOURS |
|---------|--------------|-------|-------|-------|
| | | | | |

[illegible]

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574

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YEARS

$$\frac{1}{M \cdot N} \frac{d}{dt} \left(\frac{d}{dt} \right)$$

----- 11 1
HOURS L. S. T.

USAFETAC FORM 0265 (OLA) REVISED PREVIOUS EDITIONS (IF THIS FORM ARE OBSOLETE)

2

CLIMATE DIVISION
 AIRCRAFT
 AIRCRAFT SERVICE AREA

PSYCHROMETRIC SUMMARY

STATION LYNNEVILLE AFB STATION NAME LYNNEVILLE AFB YEARS 73-74 MONTH 7

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. - B. Dry Bulb Wet Bulb Dew Point | TOTAL
HOURS | |
|-------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|----------------|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | | 31 |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------|
| | | | | | | $\leq 0^\circ \text{F}$ | $\leq 32^\circ \text{F}$ | $\leq 67^\circ \text{F}$ | $\leq 73^\circ \text{F}$ | $\leq 80^\circ \text{F}$ | $\leq 93^\circ \text{F}$ | |
| Rel. Hum. | 5.46 | 71.44 | 72.30 | 2.14 | 93 | | | | | | | |
| Dry Bulb | 14.64 | 75.44 | 81.10 | 5.76 | 93 | | | | | | | |
| Wet Bulb | 1.21 | 73.72 | 79.33 | 2.37 | 93 | | | | | | | |
| Dew Point | 1.44 | 70.14 | 75.39 | 2.44 | 93 | | | | | | | |

USAFETAC FORM 0-26.5 (OL A) REVISION 10-64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE POLICY ACTION
T.C.
ATLAS 2012/2013

PSYCHROMETRIC SUMMARY

STATION 101 WILL AFB STATION NAME

— 225 —

YEARS

MONTH

HOUSE

[illegible]

2

PSYCHROMETRIC SUMMARY

U.S. AIR FORCE CLIMATE DIVISION
 WASHINGTON, D.C.
 FORM 0-26.5 (O.L.A.)

STATION WHEEL HILL AFB A STATION NAME WHEEL HILL YEARS 73-74 MONTH 1
 HOURS (L.S.T.)

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-------------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. - W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma X'$ | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | | | | | | $\leq 0^\circ\text{F}$ | $\leq 32^\circ\text{F}$ | $\leq 67^\circ\text{F}$ | $\leq 73^\circ\text{F}$ | $\leq 80^\circ\text{F}$ | $\leq 93^\circ\text{F}$ |
| Rel. Hum. | 14.12 | 24.25 | 7.4 | 1.7 | 3 | | | | | | |
| Dry Bulb | 14.12 | 24.25 | 7.4 | 1.7 | 3 | | | | | | |
| Wet Bulb | 14.12 | 24.25 | 7.4 | 1.7 | 3 | | | | | | |
| Dew Point | 14.12 | 24.25 | 7.4 | 1.7 | 3 | | | | | | |

USAFETAC FORM 0-26.5 (O.L.A.) JUL 64

STATION 0-705.111 REF A STATION NAME

YEARS

MONITOR

50.85

[illegible]

| STATION | STATION NAME |
|---------|--------------|
| 1 | 1. The ... |
| 2 | 2. ... |
| 3 | 3. ... |
| 4 | 4. ... |
| 5 | 5. ... |
| 6 | 6. ... |
| 7 | 7. ... |
| 8 | 8. ... |
| 9 | 9. ... |
| 10 | 10. ... |
| 11 | 11. ... |
| 12 | 12. ... |
| 13 | 13. ... |
| 14 | 14. ... |
| 15 | 15. ... |
| 16 | 16. ... |
| 17 | 17. ... |
| 18 | 18. ... |
| 19 | 19. ... |
| 20 | 20. ... |
| 21 | 21. ... |
| 22 | 22. ... |
| 23 | 23. ... |
| 24 | 24. ... |
| 25 | 25. ... |
| 26 | 26. ... |
| 27 | 27. ... |
| 28 | 28. ... |
| 29 | 29. ... |
| 30 | 30. ... |
| 31 | 31. ... |
| 32 | 32. ... |
| 33 | 33. ... |
| 34 | 34. ... |
| 35 | 35. ... |
| 36 | 36. ... |
| 37 | 37. ... |
| 38 | 38. ... |
| 39 | 39. ... |
| 40 | 40. ... |
| 41 | 41. ... |
| 42 | 42. ... |
| 43 | 43. ... |
| 44 | 44. ... |
| 45 | 45. ... |
| 46 | 46. ... |
| 47 | 47. ... |
| 48 | 48. ... |
| 49 | 49. ... |
| 50 | 50. ... |
| 51 | 51. ... |
| 52 | 52. ... |
| 53 | 53. ... |
| 54 | 54. ... |
| 55 | 55. ... |
| 56 | 56. ... |
| 57 | 57. ... |
| 58 | 58. ... |
| 59 | 59. ... |
| 60 | 60. ... |
| 61 | 61. ... |
| 62 | 62. ... |
| 63 | 63. ... |
| 64 | 64. ... |
| 65 | 65. ... |
| 66 | 66. ... |
| 67 | 67. ... |
| 68 | 68. ... |
| 69 | 69. ... |
| 70 | 70. ... |
| 71 | 71. ... |
| 72 | 72. ... |
| 73 | 73. ... |
| 74 | 74. ... |
| 75 | 75. ... |
| 76 | 76. ... |
| 77 | 77. ... |
| 78 | 78. ... |
| 79 | 79. ... |
| 80 | 80. ... |
| 81 | 81. ... |
| 82 | 82. ... |
| 83 | 83. ... |
| 84 | 84. ... |
| 85 | 85. ... |
| 86 | 86. ... |
| 87 | 87. ... |
| 88 | 88. ... |
| 89 | 89. ... |
| 90 | 90. ... |
| 91 | 91. ... |
| 92 | 92. ... |
| 93 | 93. ... |
| 94 | 94. ... |
| 95 | 95. ... |
| 96 | 96. ... |
| 97 | 97. ... |
| 98 | 98. ... |
| 99 | 99. ... |
| 100 | 100. ... |

YEARS

MC49

HOURS: 11:30 - 5:00

JSAFETAC

STATION _____ DATE _____ 77-60 _____ MONTH _____
 STATION NAME _____ YEARS _____
 HOURS _____

[illegible]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 01-11-2001 BY 60322

PSYCHROMETRIC SUMMARY

STATION 2471621 AF3 STATION NAME

YEARS

_____ HOURS _____

[illegible]

AL CONTROL OF ... - A. C. ...

PSYCHROMETRIC SUMMARY

STATION LOVING, ILL; AFB STATION NAME

73-2

YEARS

MOM

14-14
HOURS 15.1

[illegible]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 05-12-2001 BY 60322 UCBAW

PSYCHROMETRIC SUMMARY

STATION NAME _____ YEARS _____ MONTH _____
HOURS _____

[illegible]

0.26.5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

HOURS

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| / 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 71 | | | | .1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 72 | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 73 | | | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 74 | | | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 75 | | | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 76 | | | | .2 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 77 | | | .1 | .2 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 78 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 79 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 80 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 81 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 82 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 83 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 84 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 85 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 86 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 87 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 88 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 89 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 90 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 91 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 92 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 93 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 94 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 95 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 96 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 97 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 98 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 99 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 100 | | | .2 | .4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σ X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Σ X | | | Σ X | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

AL 60-21 L-107 - A.C.H.

PSYCHROMETRIC SUMMARY

512

STATION NAME

YEARS

4097

| HOURS | S. | E. |
|-------|----|----|
| 1 | 1 | 1 |
| 2 | 2 | 2 |
| 3 | 3 | 3 |
| 4 | 4 | 4 |
| 5 | 5 | 5 |
| 6 | 6 | 6 |
| 7 | 7 | 7 |
| 8 | 8 | 8 |
| 9 | 9 | 9 |
| 10 | 10 | 10 |
| 11 | 11 | 11 |
| 12 | 12 | 12 |
| 13 | 13 | 13 |
| 14 | 14 | 14 |
| 15 | 15 | 15 |
| 16 | 16 | 16 |
| 17 | 17 | 17 |
| 18 | 18 | 18 |
| 19 | 19 | 19 |
| 20 | 20 | 20 |
| 21 | 21 | 21 |
| 22 | 22 | 22 |
| 23 | 23 | 23 |
| 24 | 24 | 24 |

[illegible]

23-22

YEARS

MONTH

~~_____~~
HOURS L. S. T.

USAFETAC FORM JUL 84 0-26.5 (OL A) DTIC TAB UNANNOUNCED NOT FOR DISTRIBUTION

AL TECHNOLOGY & ARCH
THE
A. BATH & LUNACY

PSYCHROMETRIC SUMMARY

STATION LYNTHVILLE, AFB STATION NAME 73-61 YEAR 61 MONTH 6

[illegible]

AL FULTON TELUOY - BANCH

7-2

100 - 100 - 100 - 100

PSYCHROMETRIC SUMMARY

STAY ON LEWISVILLE AFB TX
STATION NAME

9-2-2017

YEARS

MONTI

1 5 7
HOURS 11 5 9

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----------|----------|----------|-----------|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | + 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 4 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 5 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 6 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 7 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 |
| 8 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| 9 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 |
| 10 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 |
| 11 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 |
| 12 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 |
| 13 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 |
| 14 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 |
| 15 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

AL CLERK IN V. ACH
THE
NAT. SERVICE

PSYCHROMETRIC SUMMARY

| | |
|--------------|-----------------|
| STATION | 1-THO. ILL. AFB |
| STATION NAME | |

2-5

YEARS

MONTH

HOURS 11 1
S. 1

[illegible]

FORM 0-26-5 (OL A)
REVISED PERVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MONTH

HOURS 11 12 1

USAFETAC FORM 0.26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION _____ MONTH _____
STATION NAME _____ YEARS _____
HOURS _____ S. Y. _____

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

123408 ELYTHEVILLE AFB AR

73-82

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN A |
|-------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-------------------------|
| 0-02 | 32.7
11.865
930 | 36.6
11.977
846 | 48.2
1.364
930 | 55.9
8.814
900 | 64.1
6.544
926 | 71.9
5.485
900 | 76.4
4.170
930 | 73.4
4.618
930 | 66.5
7.703
900 | 55.1
9.559
930 | 47.1
10.727
900 | 38.8
10.576
930 | 15.6
16.974
10952 |
| 0-05 | 31.0
11.818
930 | 35.4
11.961
846 | 46.5
1.537
930 | 53.9
8.935
900 | 62.2
7.329
927 | 69.8
5.594
898 | 74.5
4.632
930 | 71.6
4.735
930 | 64.8
7.893
900 | 53.2
9.674
930 | 45.7
10.784
900 | 37.5
10.536
930 | 54.0
16.803
10951 |
| 11-02 | 31.0
12.268
930 | 35.0
12.417
845 | 46.6
1.710
929 | 55.4
8.870
899 | 65.0
7.473
926 | 73.4
5.999
910 | 77.3
4.746
930 | 73.9
5.177
930 | 66.4
7.876
900 | 54.2
9.730
930 | 45.3
10.515
900 | 36.8
10.376
930 | 55.1
16.026
10949 |
| -11 | 34.6
12.708
930 | 39.7
12.986
846 | 52.2
1.177
930 | 62.7
9.429
900 | 72.1
8.385
930 | 80.6
5.474
900 | 84.7
5.576
930 | 81.8
5.606
930 | 74.8
7.599
900 | 64.2
9.294
930 | 51.8
10.752
900 | 41.1
10.271
930 | 61.8
19.333
10956 |
| 1-14 | 38.1
13.169
930 | 43.8
13.859
846 | 58.6
1.884
930 | 68.9
9.941
900 | 75.9
8.251
930 | 84.3
6.658
900 | 88.7
6.322
930 | 86.0
6.116
930 | 79.0
7.864
900 | 69.6
9.615
930 | 58.4
11.333
900 | 45.2
10.731
929 | 66.1
19.547
10955 |
| 1-17 | 38.9
12.902
930 | 45.1
13.904
846 | 57.7
1.738
930 | 67.8
9.768
900 | 76.4
8.183
930 | 84.6
6.613
900 | 89.0
6.252
930 | 86.1
6.251
930 | 79.0
7.852
900 | 69.2
9.536
930 | 55.8
11.162
900 | 45.1
10.345
929 | 66.3
19.381
10955 |
| 1-2 | 35.7
11.973
930 | 41.1
12.422
845 | 53.6
1.733
930 | 63.2
9.126
900 | 71.9
7.600
930 | 80.4
5.151
900 | 84.3
5.921
930 | 80.6
5.527
930 | 72.6
7.589
900 | 61.3
8.809
930 | 50.6
10.180
900 | 41.4
9.912
927 | 51.5
16.548
10952 |
| 1-23 | 33.0
11.818
930 | 38.6
11.898
846 | 50.4
1.375
930 | 58.8
8.586
900 | 67.1
6.786
930 | 75.1
5.472
900 | 79.2
4.606
930 | 75.9
4.683
930 | 68.5
7.520
900 | 57.4
8.889
930 | 48.3
10.476
900 | 39.5
10.230
927 | 57.8
17.403
10953 |
| 1-2 | 34.6
12.524
744 | 39.4
13.126
6766 | 51.5
11.679
7439 | 60.6
10.455
7199 | 69.3
9.124
7429 | 77.5
8.076
7198 | 81.8
7.441
7440 | 78.7
7.602
7440 | 71.4
9.403
7200 | 67.5
11.211
7440 | 50.1
11.480
7200 | 40.6
10.795
7432 | 59.8
16.839
67623 |



USAFETAC (OLA)

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR FATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

NET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23418 ELYTHEVILLE AFB AR

73-87

| | AN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0-02 | 30.0 | 34.1 | 44.7 | 51.2 | 59.8 | 66.7 | 71.4 | 68.6 | 63.3 | 51.4 | 44.0 | 36.0 | 52.0 |
| MEAN | 11.487 | 11.278 | 10.314 | 8.270 | 6.651 | 5.345 | 3.519 | 4.171 | 7.596 | 9.191 | 10.650 | 10.230 | 10.158 |
| TOTAL OBS | 930 | 846 | 930 | 900 | 926 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10952 |
| 0-1 | 27.0 | 33.1 | 43.3 | 49.9 | 58.6 | 65.5 | 70.5 | 68.6 | 62.1 | 50.1 | 42.8 | 35.1 | 50.9 |
| MEAN | 11.340 | 11.425 | 10.276 | 8.593 | 7.083 | 5.539 | 3.626 | 4.385 | 7.829 | 9.469 | 10.707 | 10.327 | 10.239 |
| TOTAL OBS | 930 | 846 | 930 | 900 | 927 | 898 | 930 | 930 | 900 | 930 | 898 | 930 | 10949 |
| 1-10 | 29.1 | 32.8 | 43.3 | 51.0 | 60.3 | 67.6 | 72.1 | 70.1 | 63.2 | 50.9 | 42.6 | 34.6 | 51.6 |
| MEAN | 12.14 | 11.552 | 10.492 | 8.571 | 7.135 | 5.277 | 3.710 | 4.346 | 7.675 | 9.487 | 10.505 | 10.280 | 10.985 |
| TOTAL OBS | 929 | 845 | 929 | 899 | 926 | 900 | 930 | 930 | 900 | 930 | 898 | 930 | 10946 |
| 11-20 | 31.0 | 36.1 | 46.8 | 54.9 | 63.6 | 70.2 | 75.1 | 73.5 | 67.3 | 56.1 | 46.7 | 37.7 | 55.1 |
| MEAN | 12.34 | 11.885 | 10.425 | 8.413 | 6.980 | 5.250 | 3.687 | 3.933 | 6.917 | 8.572 | 10.244 | 10.174 | 10.927 |
| TOTAL OBS | 927 | 846 | 930 | 900 | 930 | 900 | 930 | 929 | 900 | 930 | 898 | 930 | 10950 |
| 21-30 | 34.3 | 37.8 | 49.2 | 56.9 | 64.9 | 71.0 | 75.7 | 74.5 | 68.4 | 58.1 | 49.0 | 40.4 | 56.9 |
| MEAN | 12.139 | 11.946 | 10.328 | 8.123 | 6.627 | 5.000 | 3.550 | 3.803 | 6.722 | 8.417 | 10.141 | 10.340 | 10.247 |
| TOTAL OBS | 929 | 845 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 898 | 909 | 10951 |
| 1-17 | 34.0 | 39.6 | 48.9 | 57.2 | 64.9 | 70.8 | 75.3 | 74.3 | 68.3 | 57.8 | 48.7 | 40.5 | 56.9 |
| MEAN | 11.883 | 11.790 | 10.189 | 7.864 | 6.425 | 4.850 | 3.401 | 3.707 | 6.656 | 8.371 | 10.030 | 10.143 | 10.954 |
| TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 928 | 10954 |
| 18-27 | 32.0 | 37.5 | 48.2 | 55.4 | 63.4 | 69.6 | 74.2 | 72.9 | 66.5 | 54.7 | 46.2 | 38.2 | 55.1 |
| MEAN | 11.496 | 11.318 | 9.907 | 7.894 | 6.488 | 4.874 | 3.452 | 3.859 | 6.931 | 8.550 | 10.020 | 9.897 | 10.161 |
| TOTAL OBS | 930 | 845 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 927 | 10952 |
| 1-23 | 31.0 | 35.7 | 46.3 | 53.2 | 61.4 | 68.1 | 72.7 | 71.0 | 64.5 | 52.8 | 44.6 | 36.8 | 53.3 |
| MEAN | 11.394 | 11.081 | 9.872 | 7.979 | 6.616 | 5.158 | 3.447 | 3.970 | 7.304 | 9.736 | 10.420 | 10.021 | 10.143 |
| TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 927 | 10953 |
| ALL MONTHS | 31.0 | 36.0 | 46.5 | 53.7 | 62.1 | 68.7 | 73.4 | 71.8 | 65.4 | 54.0 | 45.6 | 37.4 | 54.0 |
| MEAN | 11.93 | 11.779 | 10.461 | 8.620 | 7.143 | 5.511 | 4.004 | 4.568 | 7.575 | 9.317 | 10.511 | 10.301 | 10.505 |
| TOTAL OBS | 7435 | 6765 | 7439 | 7199 | 7429 | 7198 | 7440 | 7439 | 7000 | 7440 | 7192 | 7431 | 87607 |

CLIMATE CLIMATOLOGY PANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

823417 BLYTHEVILLE AFB AR

73-82

| REF | MEAN | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN A |
|--------------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|-------|
| 0-02 | 26.0 | 29.7 | 40.5 | 46.8 | 50.5 | 63.5 | 68.8 | 67.7 | 61.3 | 47.9 | 43.0 | 31.7 | 48.4 | |
| | 13.335 | 12.545 | 11.449 | 9.393 | 8.129 | 6.483 | 4.279 | 4.599 | 8.248 | 10.162 | 12.156 | 11.904 | 17.490 | |
| | 930 | 846 | 930 | 900 | 926 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10952 | |
| -01 | 26.2 | 28.8 | 39.4 | 46.0 | 55.9 | 62.9 | 68.3 | 66.9 | 60.3 | 47.1 | 39.2 | 31.1 | 47.7 | |
| | 13.544 | 12.733 | 11.729 | 9.655 | 8.129 | 6.456 | 4.231 | 4.733 | 8.375 | 10.322 | 12.094 | 11.971 | 17.613 | |
| | 930 | 846 | 930 | 900 | 927 | 898 | 930 | 930 | 900 | 930 | 898 | 930 | 10949 | |
| -02 | 24.1 | 28.7 | 39.2 | 46.6 | 57.0 | 64.2 | 69.5 | 68.1 | 61.2 | 47.7 | 39.1 | 30.7 | 46.2 | |
| | 14.353 | 12.959 | 11.974 | 9.885 | 8.256 | 6.335 | 4.238 | 4.639 | 8.270 | 10.390 | 12.015 | 12.008 | 18.199 | |
| | 927 | 845 | 929 | 899 | 926 | 900 | 930 | 930 | 900 | 930 | 898 | 930 | 10946 | |
| -11 | 26.2 | 30.3 | 40.6 | 48.0 | 57.8 | 64.5 | 70.7 | 69.6 | 62.7 | 49.1 | 40.7 | 32.3 | 49.5 | |
| | 14.866 | 13.397 | 12.44 | 10.445 | 9.093 | 7.084 | 4.611 | 4.757 | 8.649 | 10.968 | 12.420 | 12.305 | 18.317 | |
| | 927 | 846 | 930 | 900 | 930 | 900 | 930 | 929 | 900 | 930 | 898 | 930 | 10950 | |
| 1-16 | 27.2 | 31.7 | 41.4 | 48.4 | 57.5 | 63.8 | 69.7 | 69.1 | 62.2 | 48.4 | 40.9 | 33.5 | 49.6 | |
| | 14.854 | 13.351 | 12.521 | 10.537 | 9.206 | 7.386 | 4.961 | 5.066 | 8.908 | 11.613 | 12.946 | 12.946 | 17.863 | |
| | 929 | 845 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 898 | 929 | 10951 | |
| -17 | 27.5 | 32.1 | 41.7 | 48.3 | 57.3 | 63.2 | 69.0 | 68.7 | 62.0 | 47.9 | 40.8 | 33.9 | 49.5 | |
| | 14.273 | 13.114 | 12.699 | 10.526 | 9.199 | 7.482 | 5.095 | 5.199 | 8.852 | 11.762 | 12.853 | 12.899 | 17.573 | |
| | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 926 | 10954 | |
| 1-2 | 27.5 | 32.1 | 42.3 | 48.6 | 57.6 | 63.5 | 69.5 | 69.1 | 62.7 | 48.8 | 40.9 | 33.3 | 49.8 | |
| | 13.633 | 12.592 | 11.721 | 9.828 | 8.773 | 7.144 | 4.776 | 4.789 | 8.117 | 10.678 | 12.022 | 12.043 | 17.362 | |
| | 930 | 845 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 927 | 10952 | |
| 1-23 | 26.6 | 31.0 | 41.7 | 48.1 | 57.3 | 63.9 | 69.4 | 68.5 | 61.9 | 48.4 | 40.2 | 32.3 | 49.2 | |
| | 13.307 | 12.283 | 11.336 | 9.375 | 8.303 | 6.695 | 4.395 | 4.548 | 8.119 | 10.137 | 12.053 | 11.851 | 17.420 | |
| | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 927 | 10953 | |
| ALL
HOURS | 26.4 | 30.6 | 40.9 | 47.6 | 57.1 | 63.7 | 69.4 | 68.5 | 61.8 | 48.2 | 40.2 | 32.3 | 49.0 | |
| | 14.551 | 12.936 | 12.034 | 10.004 | 8.665 | 6.910 | 4.631 | 4.863 | 8.478 | 10.782 | 12.339 | 12.293 | 17.747 | |
| | 7435 | 6765 | 7439 | 7199 | 7429 | 7198 | 7440 | 7439 | 7200 | 7440 | 7192 | 7431 | 87607 | |

2

1. CLIMATE CLIMATOLOGY BRANCH
 2. TAC
 3. WEATHER SERVICE/FAO

RELATIVE HUMIDITY

STATION: LLYTHEVILLE AFB A PERIOD: 73-82 MONTH: JAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|-------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 00-01 | 100.0 | 100.0 | 100.0 | 99.3 | 97.0 | 88.1 | 69.9 | 42.3 | 13.3 | 76.3 | 93 |
| | 02-03 | 100.0 | 100.0 | 100.0 | 100.0 | 97.6 | 90.9 | 72.6 | 46.5 | 16.0 | 77.0 | 13 |
| | 04-05 | 100.0 | 100.0 | 100.0 | 99.9 | 97.2 | 89.6 | 71.4 | 47.5 | 18.5 | 78.1 | 924 |
| | 06-07 | 100.0 | 100.0 | 100.0 | 98.1 | 90.5 | 78.0 | 55.3 | 31.3 | 13.6 | 72.4 | 127 |
| | 08-09 | 100.0 | 100.0 | 99.7 | 93.5 | 79.2 | 58.7 | 37.9 | 22.0 | 8.7 | 65.9 | 90 |
| | 10-11 | 100.0 | 100.0 | 99.4 | 93.3 | 80.4 | 57.8 | 37.6 | 20.0 | 8.6 | 65.4 | 17 |
| | 12-13 | 100.0 | 100.0 | 99.9 | 98.7 | 92.8 | 80.5 | 58.9 | 31.1 | 1.9 | 72.0 | 131 |
| | 14-15 | 100.0 | 100.0 | 100.0 | 99.5 | 95.7 | 85.9 | 67.5 | 38.2 | 12.4 | 75.5 | 121 |
| | 16-17 | | | | | | | | | | | |
| | 18-19 | | | | | | | | | | | |
| | 20-21 | | | | | | | | | | | |
| | 22-23 | | | | | | | | | | | |
| | 24-01 | | | | | | | | | | | |
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| | 04-05 | | | | | | | | | | | |
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| | 18-19 | | | | | | | | | | | |
| | 20-21 | | | | | | | | | | | |

723 00 CLYTHEVILLE AFB AR
STATION STATION NAME

73-54

PERIOD

1 F.
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

| | | | |
|---------|--------------------|--------|-------|
| 723409 | ELYTHEVILLE AFB AR | 73-82 | 18 |
| STATION | STATION NAME | PERIOD | MONTH |

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS. |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70 | 80% | 90 | | |
| MAY | 00-05 | 100.0 | 100.0 | 99.9 | 99.6 | 97.5 | 86.1 | 66.6 | 35.6 | 14.0 | 75.4 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 97.6 | 89.2 | 66.8 | 41.2 | 14.9 | 70.7 | 930 |
| | 09-09 | 100.0 | 100.0 | 100.0 | 99.9 | 97.0 | 87.8 | 67.0 | 37.6 | 14.6 | 70.3 | 929 |
| | 10-11 | 100.0 | 100.0 | 99.9 | 94.0 | 80.4 | 62.4 | 41.1 | 21.6 | 7.7 | 66.5 | 930 |
| | 12-14 | 100.0 | 100.0 | 96.6 | 83.2 | 64.0 | 46.2 | 28.5 | 15.3 | 4.5 | 59.5 | 930 |
| | 15-17 | 100.0 | 99.8 | 94.1 | 76.4 | 59.4 | 42.4 | 29.5 | 15.8 | 5.5 | 53.2 | 930 |
| | 18-20 | 100.0 | 100.0 | 99.5 | 84.9 | 83.1 | 64.0 | 44.9 | 23.0 | 7.8 | 67.5 | 930 |
| | 21-23 | 100.0 | 100.0 | 99.7 | 99.7 | 94.0 | 80.3 | 57.7 | 32.0 | 10.2 | 73.2 | 930 |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 96.7 | 93.7 | 84.1 | 69.8 | 50.3 | 27.9 | 10.1 | 60.2 | 7479 |

GLOBAL CLIMATOLOGY FRANCH
 MACLEAC
 ALL WEATHER SERVICE/MAC

RELATIVE HUMIDITY

123408
STATION

PLYTHEVILLE AFB AR
STATION

73-82

ADP.
MONT.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. | |
|-------|-----------------|--|-------|-------|-------|------|------|------|------|------------------------------|-------------------------|-----|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | | | 90% |
| APR | 1-10 | 100.0 | 100.0 | 100.0 | 99.7 | 95.3 | 81.7 | 52.9 | 28.3 | 7.1 | 72.3 | 500 |
| | 11-20 | 100.0 | 100.0 | 100.0 | 99.9 | 98.2 | 89.1 | 64.2 | 31.9 | 17.7 | 77.3 | 500 |
| | 21-30 | 100.0 | 100.0 | 100.0 | 100.0 | 96.7 | 82.6 | 58.3 | 27.9 | 8.3 | 73.0 | 899 |
| | 1-11 | 100.0 | 100.0 | 99.4 | 91.0 | 68.4 | 45.9 | 27.8 | 13.8 | 2.6 | 60.6 | 500 |
| | 12-14 | 100.0 | 99.9 | 94.2 | 74.6 | 50.4 | 33.7 | 21.9 | 10.3 | 1.5 | 54.2 | 500 |
| | 15-17 | 100.0 | 99.3 | 91.4 | 69.3 | 46.2 | 31.4 | 19.7 | 9.6 | 2.0 | 50.5 | 970 |
| | 18-20 | 100.0 | 100.0 | 98.3 | 89.3 | 70.9 | 48.7 | 29.9 | 15.1 | 2.1 | 61.1 | 970 |
| | 1-23 | 100.0 | 100.0 | 99.9 | 99.3 | 90.2 | 70.7 | 41.1 | 21.4 | 4.9 | 58.7 | 970 |
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RELATIVE HUMIDITY

| | |
|---------|--------------------|
| 123456 | PLYTHEVILLE AFB AR |
| STATION | STATION NAME |

77-21

4. A Y
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

2

JUN
MONTH

●

1

METEOROLOGICAL CLIMATOLOGY BRANCH
 METAC
 WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72 34 26
STATION

GLYTHEVILLE AFB AR
STATION NAME

73-E 2

J' L
MONIM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CLIMATE CLIMATOLOGY BRANCH
METAC
A WEATHER SERVICE/NAO

RELATIVE HUMIDITY

103458
STATION

CLYTHEVILLE AFB AP
STATION NAME

73-82

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 1 | 1-32 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 90.5 | 64.5 | 15.5 | 72.5 | 930 |
| 2 | 2-15 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 94.6 | 76.5 | 24.7 | 75.4 | 970 |
| 3 | 3-28 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.8 | 86.7 | 63.7 | 17.1 | 67.2 | 930 |
| 4 | 4-11 | 100.0 | 100.0 | 100.0 | 99.8 | 90.9 | 68.8 | 40.2 | 15.4 | 3.1 | 67.5 | 970 |
| 5 | 5-14 | 100.0 | 100.0 | 100.0 | 93.0 | 67.3 | 40.4 | 18.9 | 6.7 | 1.8 | 59.4 | 930 |
| 6 | 6-17 | 100.0 | 100.0 | 99.2 | 90.2 | 65.4 | 38.6 | 19.1 | 8.2 | 1.6 | 57.7 | 930 |
| 7 | 7-20 | 100.0 | 100.0 | 100.0 | 98.8 | 92.3 | 71.4 | 47.6 | 21.8 | 2.7 | 69.1 | 930 |
| 8 | 8-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.5 | 77.2 | 45.4 | 17.1 | 76.3 | 930 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.9 | 97.7 | 89.5 | 76.4 | 59.4 | 37.8 | 9.6 | 72.0 | 7439 |

2

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723400
STATION

PLYTHEVILLE AFB AR
STATION NAME

73-82
PERIOD

OFF
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-----------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| 8-8 | 0-22 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.4 | 90.1 | 69.7 | 13.3 | 67.4 | 100 |
| 8-9 | 0-22 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 96.0 | 75.2 | 20.7 | 81.3 | 100 |
| 8-10 | 0-22 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 98.1 | 91.8 | 68.2 | 12.6 | 83.0 | 950 |
| 8-11 | 0-22 | 100.0 | 99.9 | 99.6 | 76.3 | 88.1 | 68.6 | 43.9 | 19.7 | 3.2 | 67.4 | 900 |
| 8-14 | 0-22 | 100.0 | 100.0 | 98.2 | 87.2 | 67.3 | 39.4 | 21.3 | 8.7 | 1.1 | 55.0 | 900 |
| 8-17 | 0-22 | 100.0 | 99.9 | 97.4 | 87.1 | 67.8 | 38.6 | 21.2 | 3.7 | 1.1 | 57.7 | 900 |
| 8-20 | 0-22 | 100.0 | 100.0 | 100.0 | 98.7 | 94.1 | 82.0 | 59.9 | 25.7 | 1.4 | 72.0 | 100 |
| 8-23 | 0-22 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 95.2 | 84.3 | 52.4 | 7.3 | 79.6 | 900 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.4 | 76.2 | 89.6 | 77.7 | 63.5 | 41.2 | 2.5 | 73.4 | 7200 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

2.

RELATIVE HUMIDITY

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
LAST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|---------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 1-1 | 10-00 | 100.0 | 100.0 | 100.0 | 99.8 | 98.8 | 92.3 | 75.1 | 39.5 | 9.8 | 77.1 | 930 |
| | 1-01 | 100.0 | 100.0 | 100.0 | 99.9 | 99.5 | 96.5 | 84.4 | 50.1 | 13.7 | 77.2 | 930 |
| | 6-08 | 100.0 | 100.0 | 100.0 | 99.8 | 98.7 | 94.7 | 79.2 | 46.2 | 13.3 | 74.2 | 930 |
| | 11-11 | 100.0 | 100.0 | 98.7 | 88.2 | 67.0 | 44.0 | 25.6 | 13.5 | 7.4 | 54.9 | 930 |
| | 1-14 | 100.0 | 99.7 | 91.0 | 61.5 | 37.7 | 22.9 | 13.7 | 7.1 | 2.0 | 49.3 | 930 |
| | 1-17 | 100.0 | 99.7 | 88.5 | 61.2 | 39.0 | 24.1 | 13.4 | 7.4 | 2.2 | 49.2 | 930 |
| | 1-20 | 100.0 | 100.0 | 99.5 | 96.8 | 83.4 | 63.2 | 32.6 | 16.5 | 3.9 | 54.9 | 930 |
| | 1-23 | 100.0 | 100.0 | 99.9 | 99.8 | 96.6 | 83.5 | 54.7 | 25.6 | 6.1 | 72.6 | 930 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 97.2 | 88.4 | 77.6 | 64.8 | 47.3 | 25.7 | 6.8 | 60.5 | 7440 |

RELATIVE HUMIDITY

123409
STATION

GLYTHE VILL. AFB A'
STATION NAME

73-84

PERIOD

MONTH

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. | |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------------------------------|-------------------------|------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | | | 90 |
| NOW | 0-02 | 100.0 | 100.0 | 100.0 | 100.0 | 98.4 | 89.6 | 68.6 | 39.3 | 13.1 | 76.5 | 960 |
| | 3-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 92.9 | 76.3 | 45.4 | 12.7 | 78.5 | 898 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 93.2 | 76.1 | 47.7 | 14.0 | 79.0 | 898 |
| | 09-11 | 100.0 | 100.0 | 99.7 | 94.1 | 65.5 | 63.5 | 43.7 | 26.3 | 6.1 | 67.5 | 893 |
| | 12-14 | 100.0 | 99.7 | 94.9 | 80.1 | 61.4 | 43.2 | 31.2 | 20.2 | 5.2 | 59.2 | 898 |
| | 15-17 | 100.0 | 99.7 | 95.4 | 81.8 | 64.6 | 45.7 | 31.0 | 20.7 | 5.4 | 60.2 | 906 |
| | 18-20 | 100.0 | 100.0 | 99.6 | 97.7 | 90.3 | 72.4 | 48.9 | 28.9 | 8.0 | 70.4 | 900 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.6 | 96.9 | 82.8 | 60.6 | 34.9 | 10.8 | 74.5 | 900 |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 98.7 | 94.2 | 86.5 | 72.9 | 54.6 | 33.0 | 9.7 | 70.6 | 7192 |

USAFETAC

FORM
JUL 64

0-87.5 (OL A)

2

RELATIVE HUMIDITY

73-82

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JULY | 01-02 | 100.0 | 100.0 | 100.0 | 100.0 | 98.3 | 90.3 | 68.4 | 41.3 | 15.5 | 77.1 | 97.1 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 98.6 | 92.2 | 74.2 | 43.1 | 16.2 | 75.1 | 93.0 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 98.9 | 92.4 | 75.8 | 46.2 | 19.0 | 72.0 | 93.0 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.5 | 95.3 | 77.1 | 50.6 | 29.1 | 11.3 | 71.9 | 93.0 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 95.4 | 80.1 | 54.8 | 33.5 | 20.6 | 8.5 | 64.9 | 92.9 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 95.7 | 81.6 | 59.8 | 36.0 | 22.0 | 9.5 | 60.2 | 92.9 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.6 | 95.0 | 83.5 | 58.5 | 31.6 | 11.9 | 73.7 | 92.7 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.6 | 97.1 | 88.0 | 65.0 | 38.3 | 12.7 | 75.9 | 92.7 |
| | | | | | | | | | | | | |
| AUGUST | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 98.7 | 93.1 | 79.8 | 57.9 | 34.0 | 13.1 | 73.3 | 94.1 |

USAFETAC FORM 0-87.5 (OL A)
JUL 64

GENERAL CLIMATOLOGY REPORT
 USAFETAC
 AIR WEATHER SERVICE/ALC

RELATIVE HUMIDITY

REPORT STATION ELYTHEVILLE AFB AL PERIOD 73-84 ALL MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 100.0 | 99.2 | 97.9 | 91.3 | 73.7 | 59.7 | 35.1 | 17.5 | 77.1 | 7435 |
| FEB | | 100.0 | 100.0 | 99.6 | 98.8 | 90.3 | 77.7 | 56.2 | 33.1 | 11.6 | 77.1 | 6765 |
| MAR | | 100.0 | 100.0 | 98.7 | 93.7 | 84.1 | 67.8 | 50.3 | 27.9 | 1.1 | 77.2 | 7430 |
| APR | | 100.0 | 99.9 | 97.9 | 93.4 | 77.0 | 63.5 | 39.5 | 19.3 | 5.1 | 64.7 | 7199 |
| MAY | | 100.0 | 100.0 | 97.9 | 91.6 | 81.5 | 66.1 | 47.1 | 27.1 | 7.1 | 67.5 | 7429 |
| JUN | | 100.0 | 99.9 | 98.2 | 93.4 | 76.7 | 63.5 | 41.6 | 19.9 | 2.9 | 64.5 | 7199 |
| JUL | | 100.0 | 100.0 | 99.1 | 95.1 | 84.5 | 67.8 | 48.6 | 25.6 | 4.5 | 57.7 | 7441 |
| AUG | | 100.0 | 100.0 | 99.9 | 97.7 | 89.5 | 76.4 | 59.4 | 37.8 | 9.6 | 72.6 | 7439 |
| SEP | | 100.0 | 100.0 | 99.4 | 96.2 | 89.6 | 77.7 | 63.5 | 41.2 | 5.5 | 73.4 | 7200 |
| OCT | | 100.0 | 99.9 | 97.2 | 88.4 | 77.6 | 64.8 | 47.3 | 25.7 | 6.8 | 66.6 | 7441 |
| NOV | | 100.0 | 99.9 | 98.7 | 94.2 | 86.5 | 72.9 | 54.6 | 33.0 | 9.7 | 71.8 | 7122 |
| DEC | | 100.0 | 100.0 | 100.0 | 98.7 | 93.1 | 79.8 | 57.9 | 34.0 | 13.1 | 73.3 | 7431 |
| TOTALS | | 100.0 | 100.0 | 98.9 | 94.3 | 85.1 | 71.1 | 52.1 | 30.0 | 8.5 | 67.7 | 87607 |

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

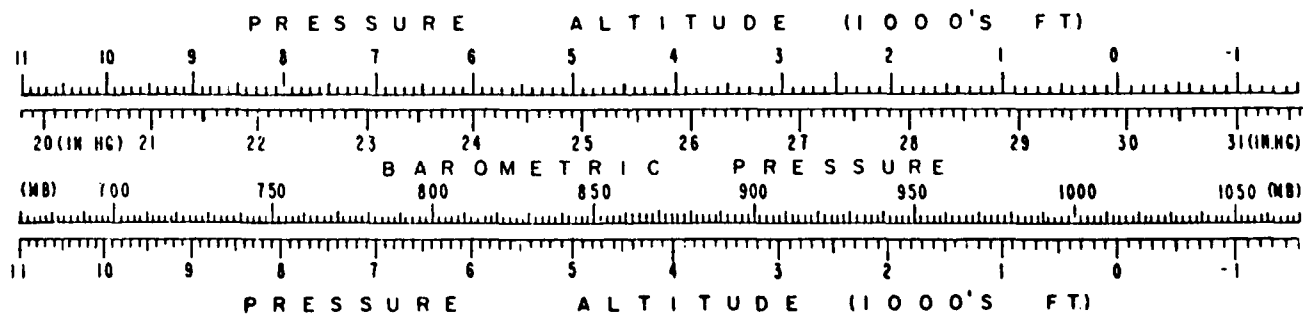
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



2
 GENERAL CLIMATOLOGY BRANCH
 AFETAC
 AIRCRAFT SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

7234 R WLYTHEVILLE AFB AR

73-62

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|------------|---|--------|---|------|---|-----|-----|-----|-----|-----|-----|-----|--------|
| 0 | MEAN 29.85129.83129.7629.71829.65129.68429.70929.73829.74529.79829.81929.824 | 29.756 | STDEV .234 .234 .209 .177 .135 .107 .074 .078 .112 .143 .179 .271 | .181 | TOTAL OBS 310 292 310 300 302 300 310 310 300 310 300 310 3651 | | | | | | | | |
| | MEAN 29.85629.82529.69929.71229.64229.67829.69929.73029.73929.79629.81629.824 | 29.751 | STDEV .233 .236 .213 .181 .142 .103 .078 .080 .113 .152 .181 .271 | .184 | TOTAL OBS 31 292 310 300 310 298 310 310 300 310 300 310 3650 | | | | | | | | |
| | MEAN 29.86129.83729.72329.74029.67329.70629.72929.75829.76429.82029.83329.831 | 29.773 | STDEV .235 .239 .214 .184 .145 .112 .081 .082 .115 .156 .184 .229 | .183 | TOTAL OBS 31 291 309 299 309 300 310 310 300 310 300 310 3648 | | | | | | | | |
| | MEAN 29.89329.87329.75629.76529.69129.72529.75029.78029.79029.84929.86629.866 | 29.800 | STDEV .242 .241 .215 .137 .147 .110 .080 .082 .116 .159 .185 .271 | .187 | TOTAL OBS 310 292 310 300 310 300 310 310 300 310 300 310 3652 | | | | | | | | |
| 1 | MEAN 29.87429.86329.74529.74929.67529.70929.73429.76429.77029.82029.83429.839 | 29.780 | STDEV .240 .239 .213 .135 .141 .108 .078 .079 .114 .150 .189 .270 | .185 | TOTAL OBS 310 292 310 300 310 300 310 310 300 310 300 310 3652 | | | | | | | | |
| 1 | MEAN 29.83329.80929.68729.70129.63429.66729.68829.71629.72129.77329.79129.801 | 29.735 | STDEV .240 .239 .209 .181 .134 .104 .079 .079 .113 .152 .190 .229 | .183 | TOTAL OBS 310 292 310 300 310 300 310 310 300 310 300 310 3652 | | | | | | | | |
| 1 | MEAN 29.84529.81329.68329.68829.61929.65029.67329.70329.71729.77929.80329.812 | 29.731 | STDEV .241 .231 .208 .176 .131 .105 .079 .077 .114 .148 .186 .229 | .184 | TOTAL OBS 310 292 310 300 310 300 310 310 300 310 299 309 3650 | | | | | | | | |
| 1 | MEAN 29.85629.83029.70329.71729.64829.67329.70329.73729.74529.80029.81929.826 | 29.755 | STDEV .235 .228 .210 .175 .132 .108 .075 .076 .114 .147 .184 .224 | .181 | TOTAL OBS 310 292 310 300 310 300 310 310 300 310 300 309 3651 | | | | | | | | |
| ALL MONTHS | MEAN 29.86129.83529.71229.72429.65429.68729.71129.74129.74929.80429.82329.828 | 29.760 | STDEV .240 .236 .212 .192 .140 .110 .080 .083 .116 .154 .186 .270 | .185 | TOTAL OBS 2450 2255 2479 2399 2478 2398 2481 2480 2400 2480 2399 2478 29206 | | | | | | | | |

2
 J. REAL CLIMATOLOGY BRANCH
 AFETAC
 A. EATON SERVICES/AC

MEANS AND STANDARD DEVIATIONS

LA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

W274 R LLYTHEVILLE AFB AR

73-82

| | AN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN A |
|-----------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| MEAN | 1 20.31 | 20.01 | 18.51 | 15.81 | 13.41 | 14.41 | 15.21 | 16.21 | 16.1 | 16.1 | 18.51 | 19.41 | 18.7 |
| S.D. | .144 | 8.144 | 7.212 | 6.056 | 4.621 | 3.671 | 2.806 | 2.627 | 3.829 | 5.15 | 6.214 | 8.724 | 6.491 |
| TOTAL OBS | 310 | 282 | 310 | 300 | 309 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3651 |
| MEAN | 1 20.31 | 19.81 | 15.31 | 15.61 | 13.11 | 14.21 | 14.91 | 16.01 | 16.41 | 16.51 | 19.31 | 19.7 | 1817.0 |
| S.D. | 8.132 | 8.228 | 7.336 | 6.217 | 4.344 | 3.675 | 2.619 | 2.698 | 3.871 | 5.237 | 6.327 | 8.724 | 6.402 |
| TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 298 | 310 | 310 | 300 | 310 | 300 | 310 | 3650 |
| MEAN | 1 21.1 | 20.21 | 16.11 | 16.61 | 14.21 | 15.21 | 15.91 | 17.01 | 17.31 | 19.31 | 19.91 | 20.0 | 1817.7 |
| S.D. | 8.267 | 8.338 | 7.396 | 6.316 | 4.982 | 3.789 | 2.698 | 2.748 | 3.965 | 5.413 | 6.374 | 7.961 | 6.378 |
| TOTAL OBS | 310 | 281 | 309 | 299 | 309 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3648 |
| MEAN | 1 22.41 | 21.41 | 17.21 | 17.41 | 14.81 | 15.81 | 16.61 | 17.71 | 18.11 | 20.31 | 21.01 | 21.2 | 1817.7 |
| S.D. | 8.474 | 8.49 | 7.434 | 6.434 | 5.319 | 3.759 | 2.687 | 2.754 | 3.985 | 5.548 | 6.441 | 8.030 | 6.520 |
| TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 309 | 310 | 300 | 310 | 300 | 310 | 3651 |
| MEAN | 1 21.1 | 21.11 | 16.71 | 16.91 | 14.31 | 15.31 | 16.11 | 17.11 | 17.41 | 19.31 | 19.91 | 20.2 | 1818.0 |
| S.D. | 8.559 | 8.330 | 7.360 | 6.346 | 4.808 | 3.664 | 2.632 | 2.681 | 3.903 | 5.432 | 6.580 | 7.978 | 6.435 |
| TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| MEAN | 1 20.11 | 19.21 | 14.91 | 15.31 | 12.91 | 13.91 | 14.51 | 15.51 | 15.81 | 17.71 | 18.41 | 18.9 | 1818.4 |
| S.D. | 8.538 | 8.252 | 7.231 | 6.172 | 4.584 | 3.555 | 2.674 | 2.678 | 3.874 | 5.259 | 6.575 | 7.917 | 6.356 |
| TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| MEAN | 1 20.31 | 19.31 | 14.71 | 14.81 | 12.41 | 13.31 | 14.01 | 15.11 | 15.71 | 17.91 | 18.91 | 19.3 | 1818.3 |
| S.D. | 8.43 | 8.006 | 7.171 | 6.054 | 4.483 | 3.567 | 2.673 | 2.624 | 3.913 | 5.113 | 6.430 | 7.885 | 6.410 |
| TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 299 | 310 | 300 | 309 | 3650 |
| MEAN | 1 21.01 | 20.01 | 15.41 | 15.81 | 13.41 | 14.31 | 15.01 | 16.21 | 16.61 | 18.61 | 19.41 | 19.8 | 1817.1 |
| S.D. | 8.266 | 7.923 | 7.232 | 6.006 | 4.511 | 3.657 | 2.54 | 2.621 | 3.910 | 5.070 | 6.391 | 7.740 | 6.294 |
| TOTAL OBS | 309 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 309 | 3650 |
| MEAN | 1 21.01 | 20.11 | 15.71 | 16.01 | 13.61 | 14.61 | 15.31 | 16.41 | 16.71 | 18.81 | 19.51 | 19.9 | 1817.3 |
| S.D. | 8.362 | 8.224 | 7.329 | 6.247 | 4.790 | 3.737 | 2.747 | 2.792 | 3.979 | 5.332 | 6.448 | 7.959 | 6.429 |
| TOTAL OBS | 247 | 2255 | 2479 | 2399 | 2478 | 2398 | 2479 | 2480 | 2399 | 2480 | 2400 | 2478 | 29204 |
| ALL HOURS | | | | | | | | | | | | | |

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